

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025851.D
 Acq On : 15 Jun 2023 10:52
 Operator : MA/JU
 Sample : PB153336BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153336BL

Quant Time: Jun 16 01:43:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 01:41:46 2023
 Response via : Initial Calibration

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

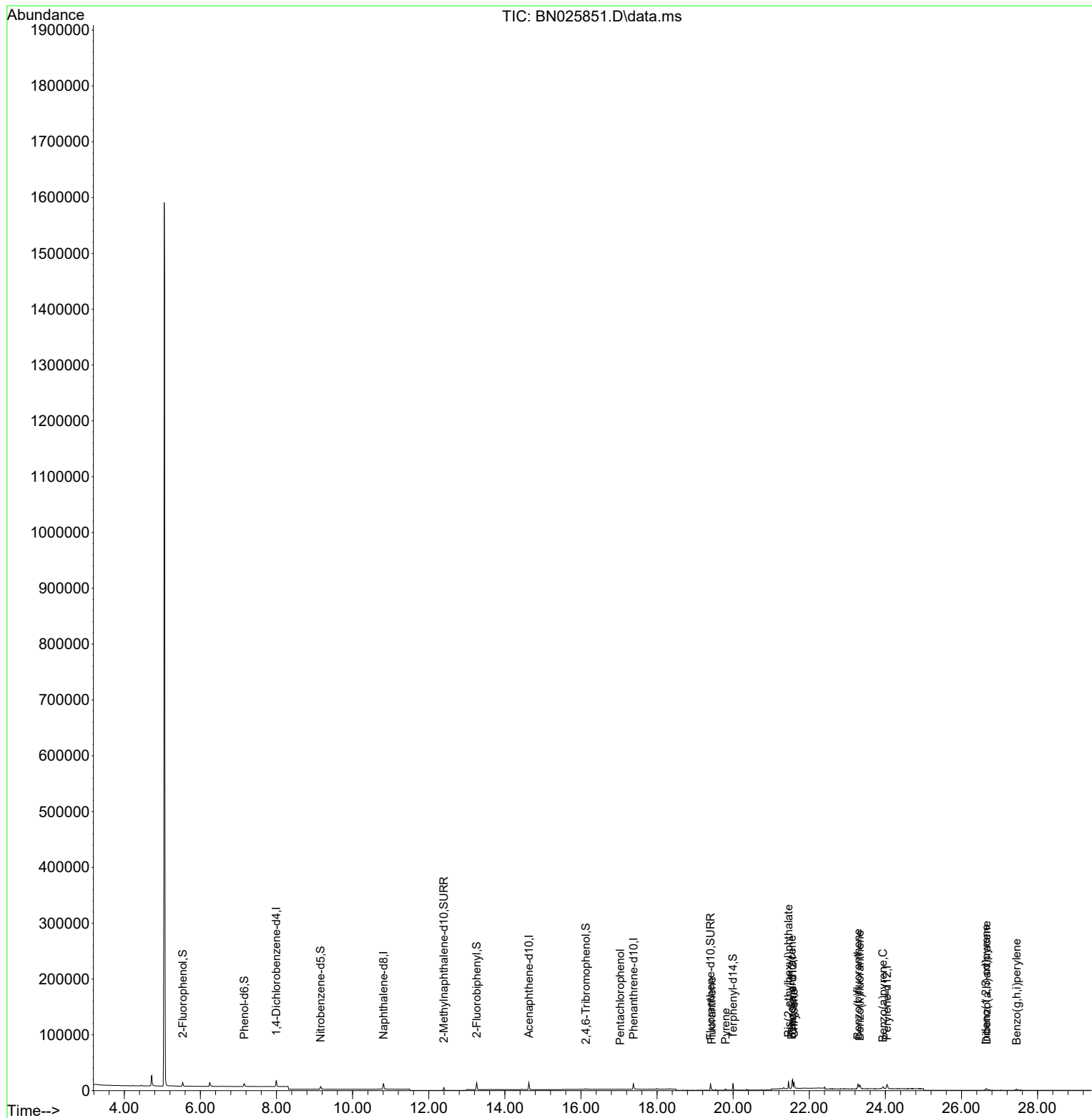
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	5611	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	14482	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	7287	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14025	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	13036	0.400	ng	0.00
35) Perylene-d12	24.045	264	12456	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.535	112	5167	0.328	ng	0.00
5) Phenol-d6	7.153	99	5806	0.300	ng	0.00
8) Nitrobenzene-d5	9.159	82	4793	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.396	152	7617	0.365	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	814	0.362	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	11314	0.367	ng	0.00
27) Fluoranthene-d10	19.407	212	12567	0.436	ng	0.00
31) Terphenyl-d14	19.997	244	12261	0.388	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.033	266	85	0.033	ng	# 71
28) Fluoranthene	19.435	202	1969	0.046	ng	# 95
30) Pyrene	19.802	202	2472	0.033	ng	99
32) Benzo(a)anthracene	21.542	228	6673	0.133	ng	98
33) Chrysene	21.596	228	9937	0.186	ng	99
34) Bis(2-ethylhexyl)phtha...	21.453	149	12942	0.432	ng	100
36) Indeno(1,2,3-cd)pyrene	26.645	276	4103	0.076	ng	# 91
37) Benzo(b)fluoranthene	23.279	252	12161	0.248	ng	95
38) Benzo(k)fluoranthene	23.329	252	10392	0.207	ng	# 93
39) Benzo(a)pyrene	23.937	252	6065	0.130	ng	# 78
40) Dibenzo(a,h)anthracene	26.659	278	2848	0.066	ng	# 68
41) Benzo(g,h,i)perylene	27.448	276	4113	0.085	ng	91

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

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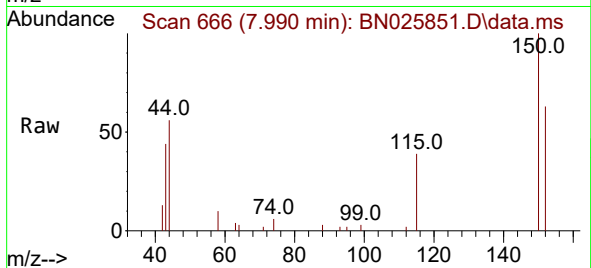
Quant Time: Jun 16 01:43:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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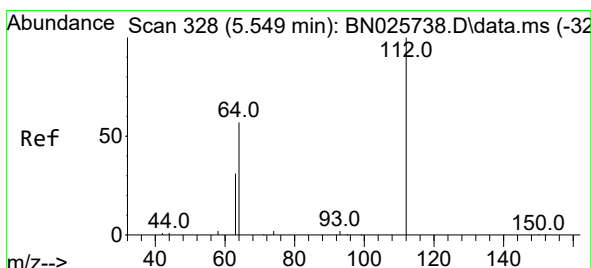
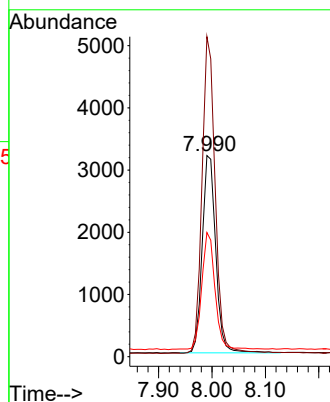
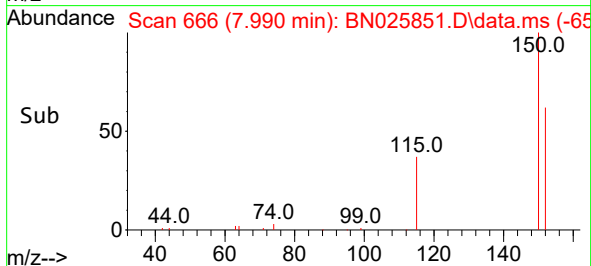


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.990 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

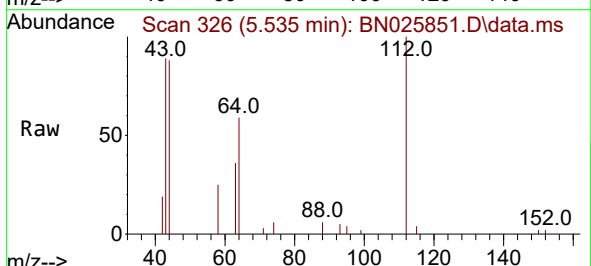
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BNA_N
ClientSampleId :
PB153336BL



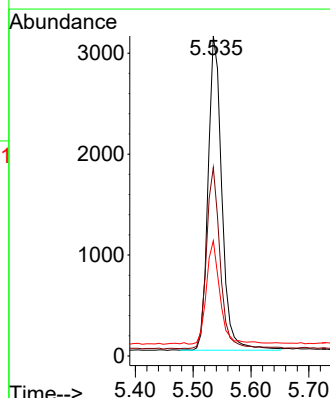
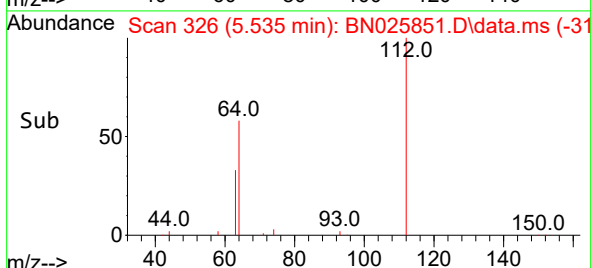
Tgt Ion:152 Resp: 5611
Ion Ratio Lower Upper
152 100
150 159.1 121.5 182.3
115 61.7 47.7 71.5

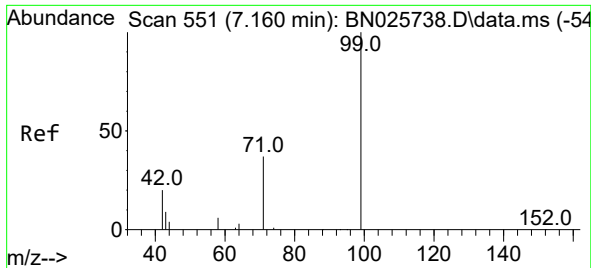


#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.535 min Scan# 326
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52



Tgt Ion:112 Resp: 5167
Ion Ratio Lower Upper
112 100
64 57.3 47.5 71.3
63 32.4 26.2 39.4

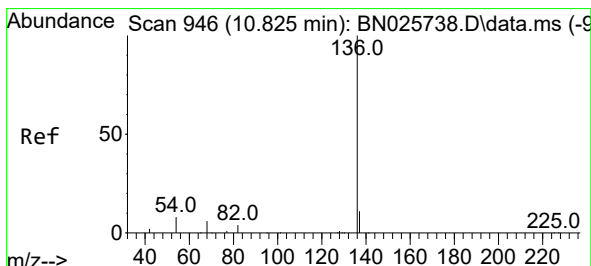
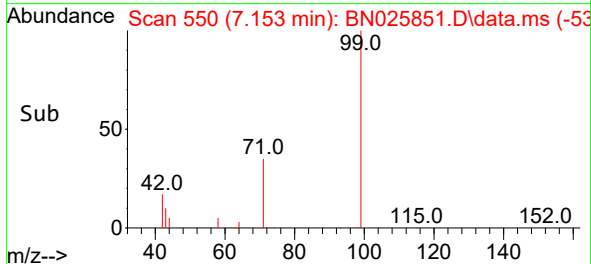
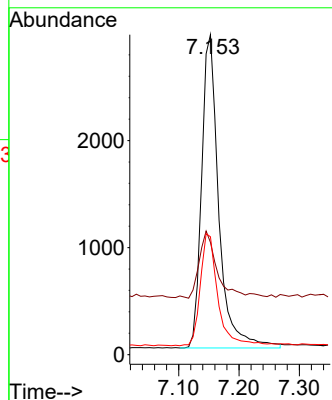
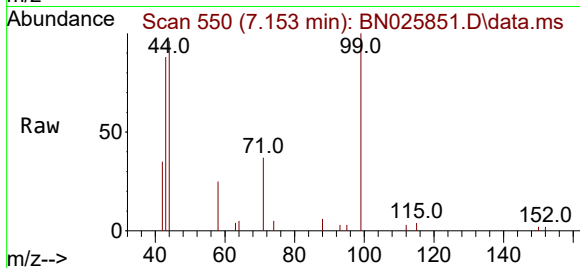




#5
Phenol-d6
Concen: 0.300 ng
RT: 7.153 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

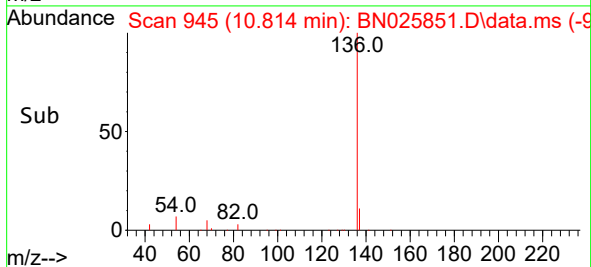
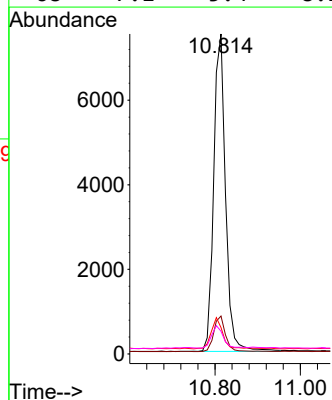
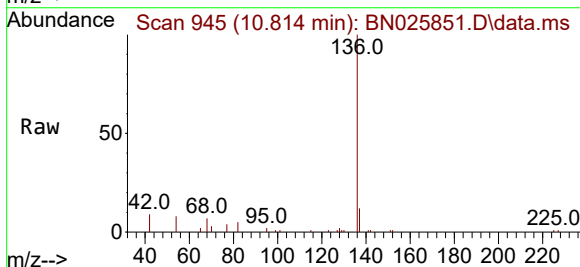
Instrument :
BNA_N
ClientSampleId :
PB153336BL

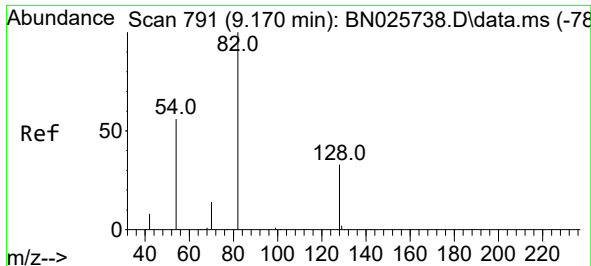
Tgt Ion: 99 Resp: 5806
Ion Ratio Lower Upper
99 100
42 21.2 18.6 28.0
71 36.5 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion: 136 Resp: 14482
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 8.3 7.2 10.8
68 7.1 5.4 8.2

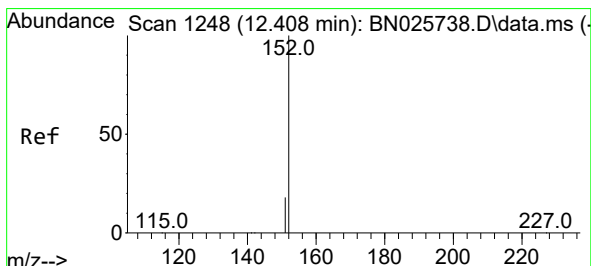
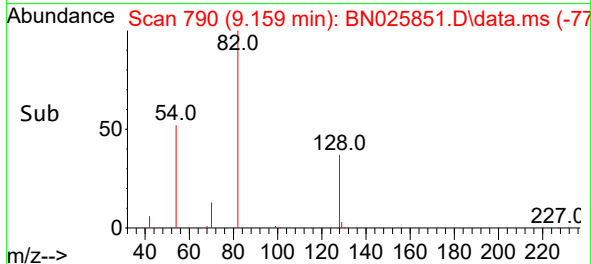
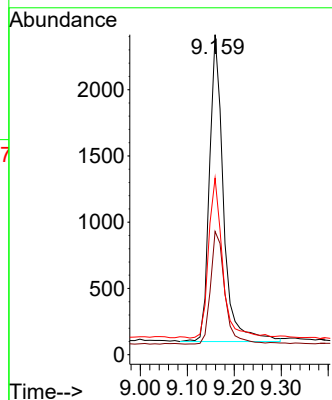
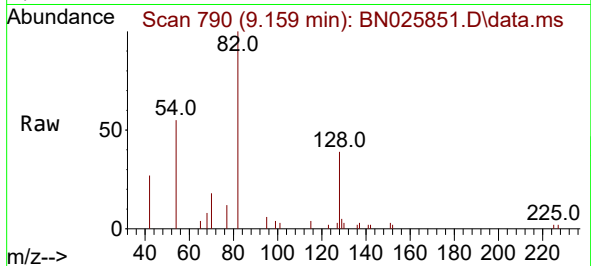




#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 9.159 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

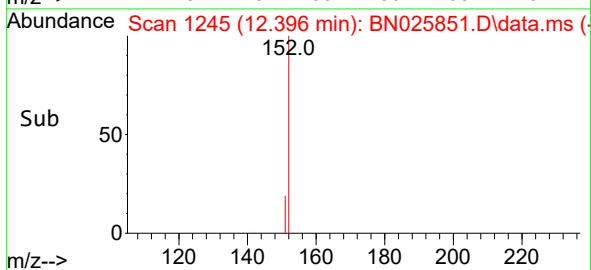
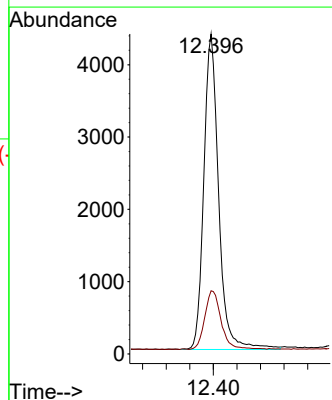
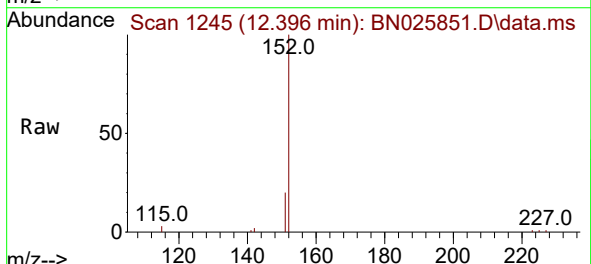
Instrument :
BNA_N
ClientSampleId :
PB153336BL

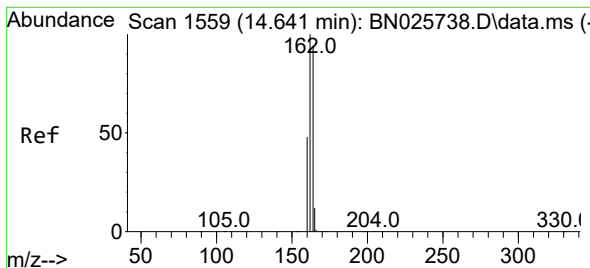
Tgt Ion: 82 Resp: 4793
Ion Ratio Lower Upper
82 100
128 38.5 27.6 41.4
54 55.2 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.396 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion: 152 Resp: 7617
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.630 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BN025851.D

Acq: 15 Jun 2023 10:52

Instrument :

BNA_N

ClientSampleId :

PB153336BL

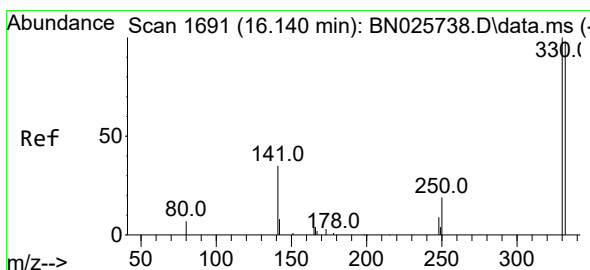
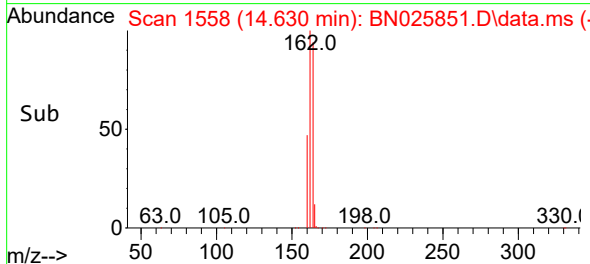
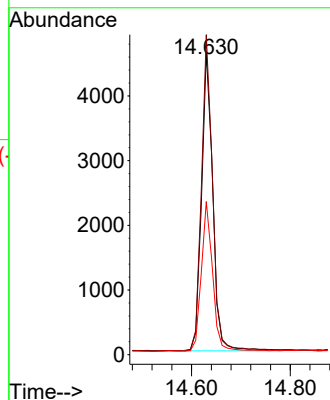
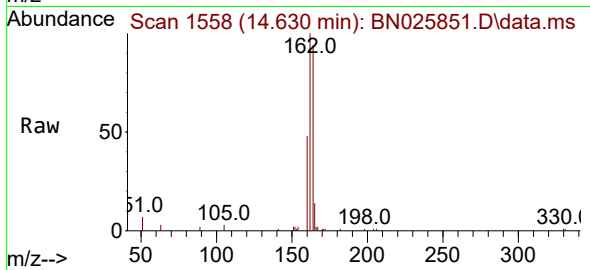
Tgt Ion:164 Resp: 7287

Ion Ratio Lower Upper

164 100

162 105.9 85.0 127.6

160 50.7 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.362 ng

RT: 16.127 min Scan# 1690

Delta R.T. 0.000 min

Lab File: BN025851.D

Acq: 15 Jun 2023 10:52

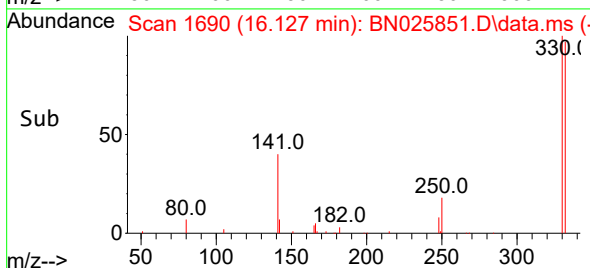
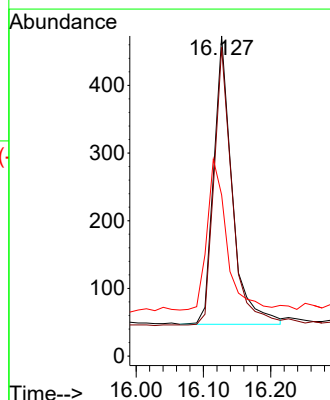
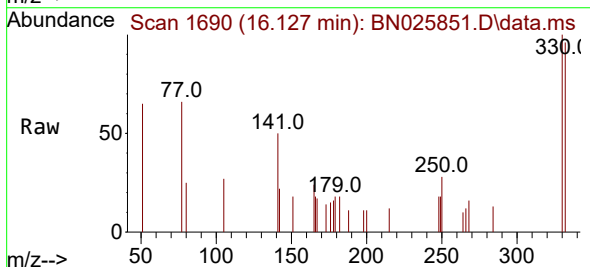
Tgt Ion:330 Resp: 814

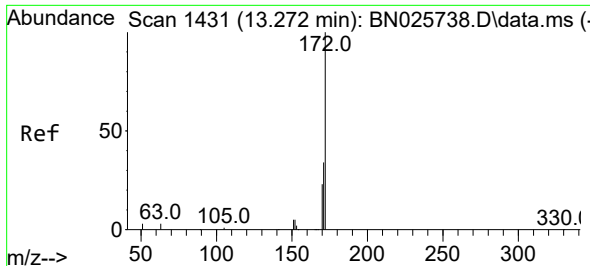
Ion Ratio Lower Upper

330 100

332 94.5 77.3 115.9

141 55.0 55.0 82.6#

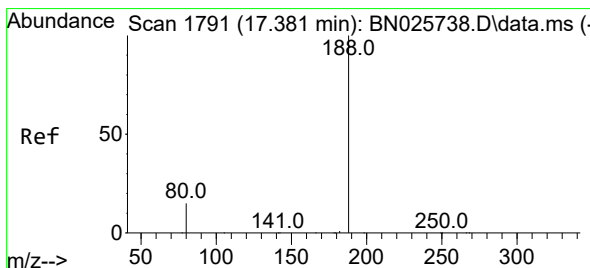
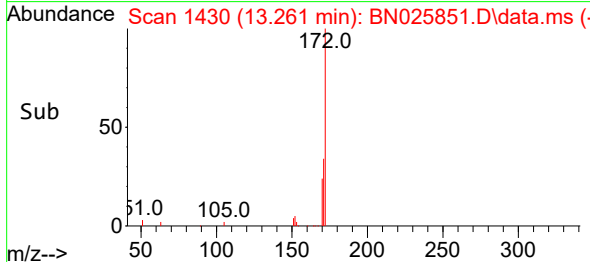
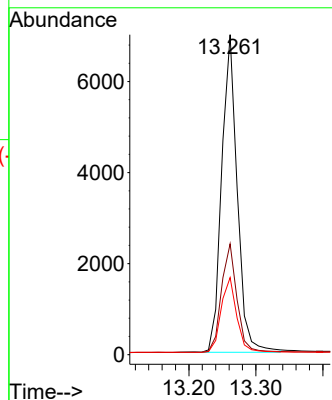
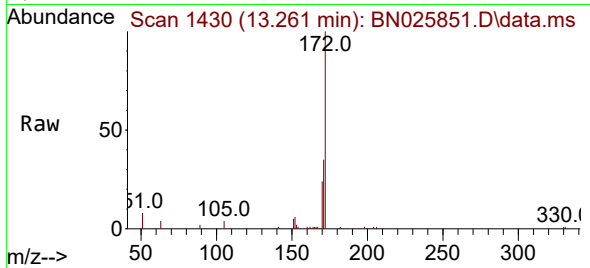




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.261 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

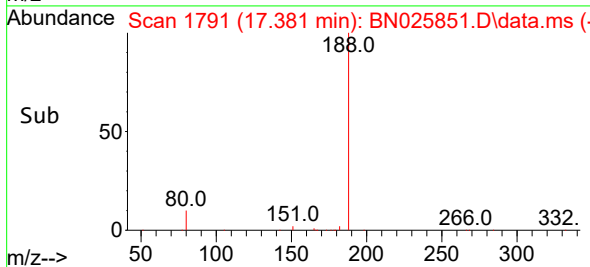
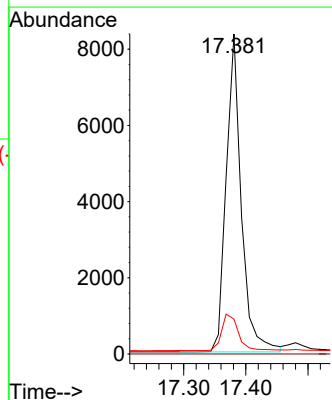
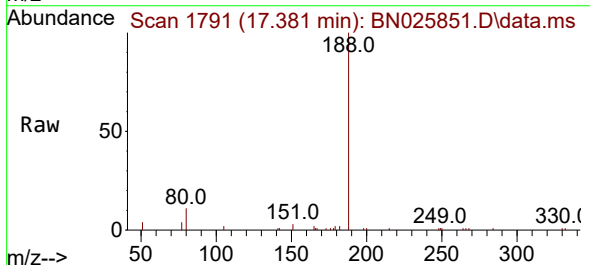
Instrument :
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PB153336BL

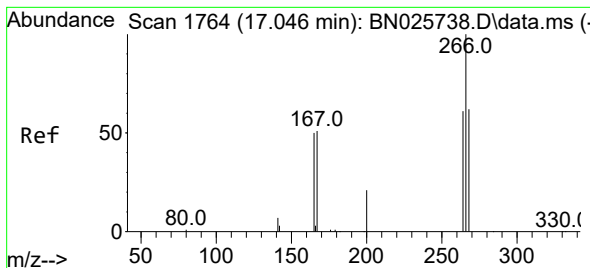
Tgt Ion:172 Resp: 11314
Ion Ratio Lower Upper
172 100
171 34.6 27.3 40.9
170 24.1 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion:188 Resp: 14025
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 12.1 18.1#





#24

Pentachlorophenol

Concen: 0.033 ng

RT: 17.033 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BN025851.D

Acq: 15 Jun 2023 10:52

Instrument :

BNA_N

ClientSampleId :

PB153336BL

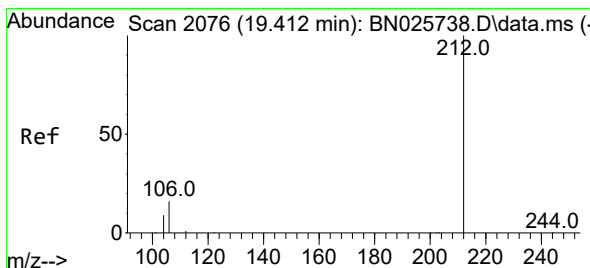
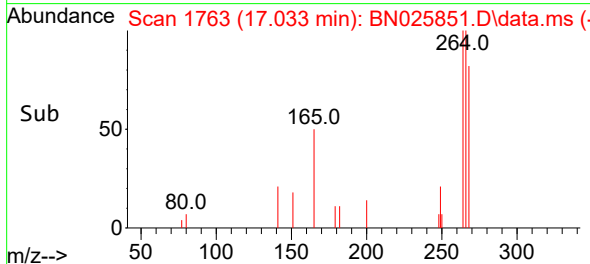
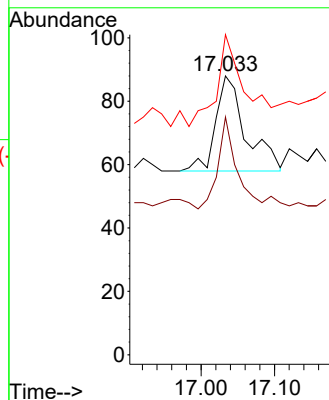
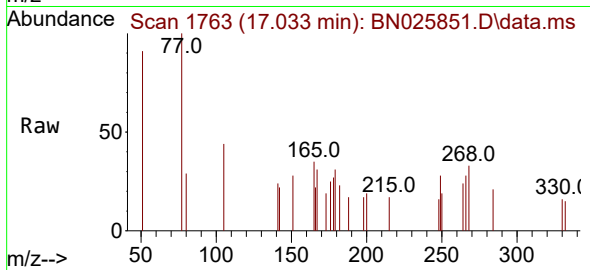
Tgt Ion:266 Resp: 85

Ion Ratio Lower Upper

266 100

264 69.4 48.6 73.0

268 101.2 51.8 77.6#



#27

Fluoranthene-d10

Concen: 0.436 ng

RT: 19.407 min Scan# 2075

Delta R.T. 0.005 min

Lab File: BN025851.D

Acq: 15 Jun 2023 10:52

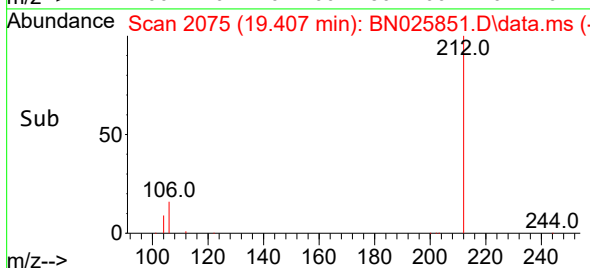
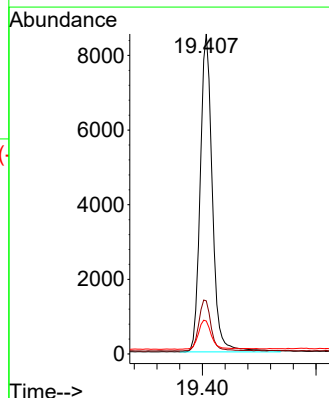
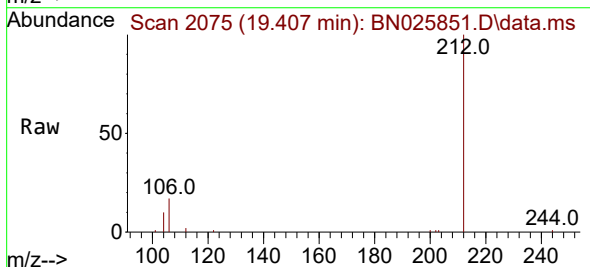
Tgt Ion:212 Resp: 12567

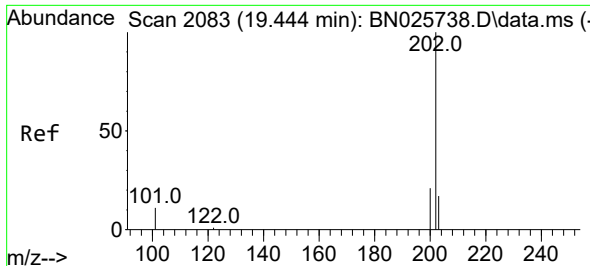
Ion Ratio Lower Upper

212 100

106 16.4 13.0 19.6

104 9.9 7.7 11.5

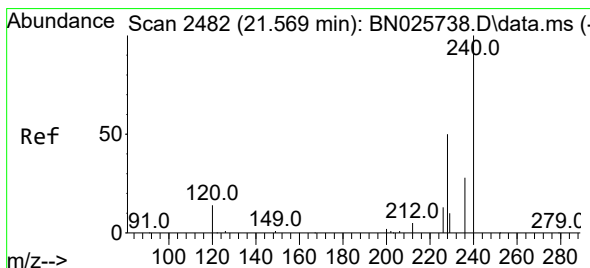
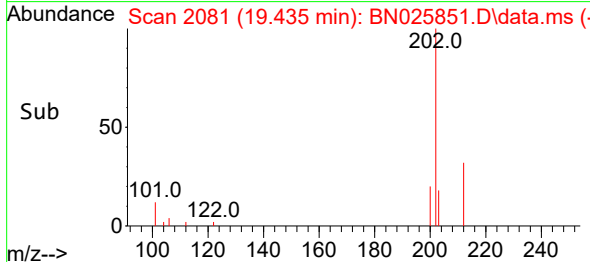
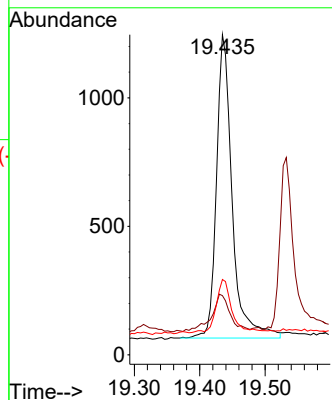
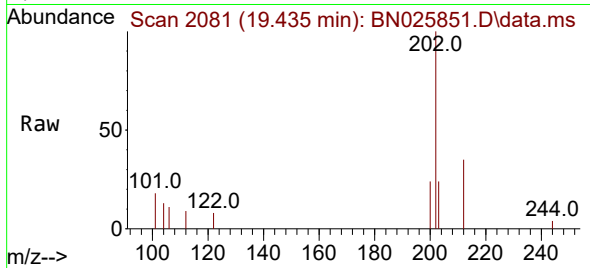




#28
Fluoranthene
Concen: 0.046 ng
RT: 19.435 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

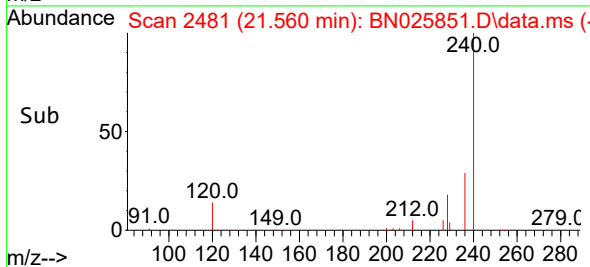
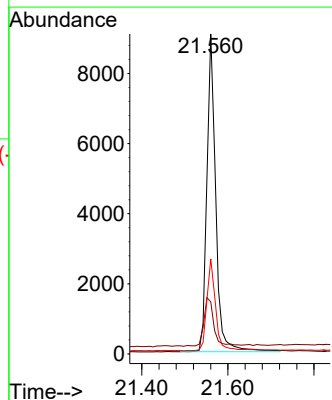
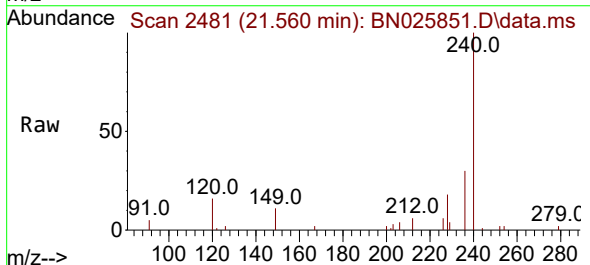
Instrument :
BNA_N
ClientSampleId :
PB153336BL

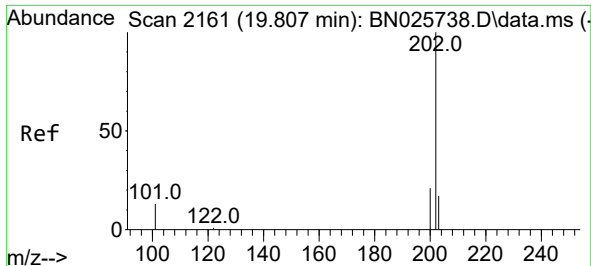
Tgt Ion:202 Resp: 1969
Ion Ratio Lower Upper
202 100
101 14.9 9.8 14.8#
203 18.2 13.4 20.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion:240 Resp: 13036
Ion Ratio Lower Upper
240 100
120 16.2 13.2 19.8
236 29.7 23.1 34.7

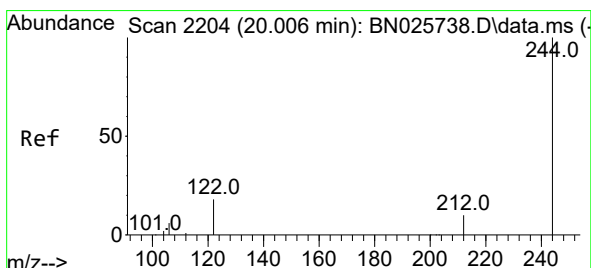
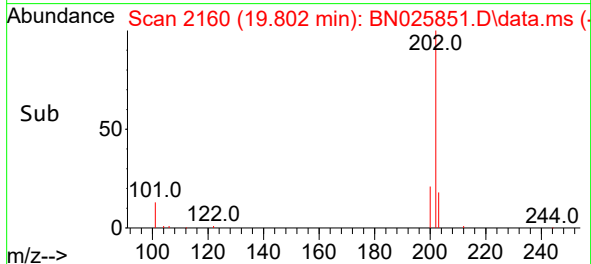
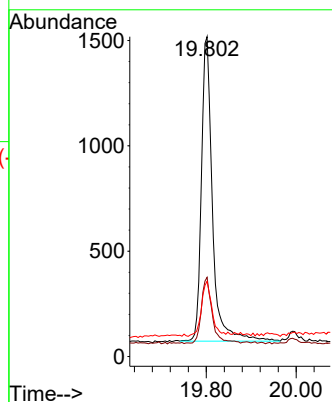
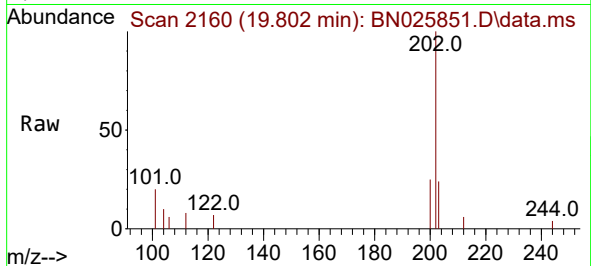




#30
Pyrene
Concen: 0.033 ng
RT: 19.802 min Scan# 2161
Delta R.T. 0.005 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

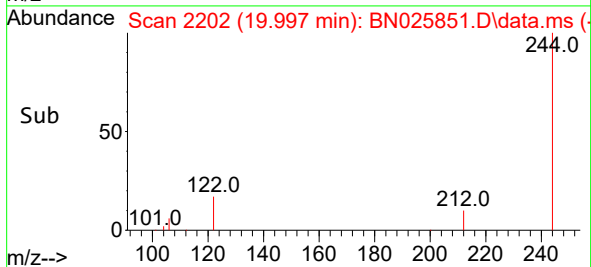
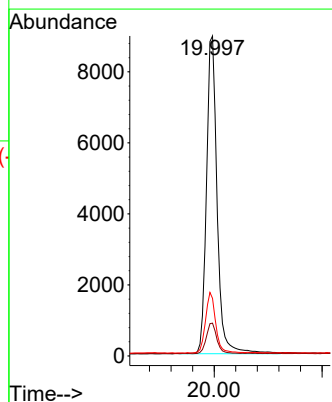
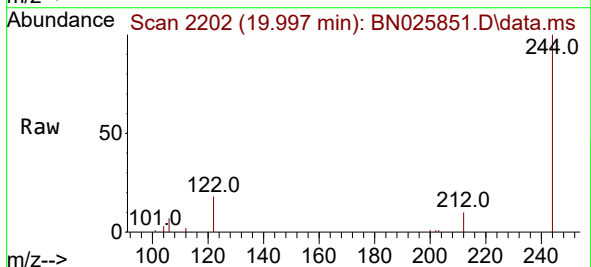
Instrument :
BNA_N
ClientSampleId :
PB153336BL

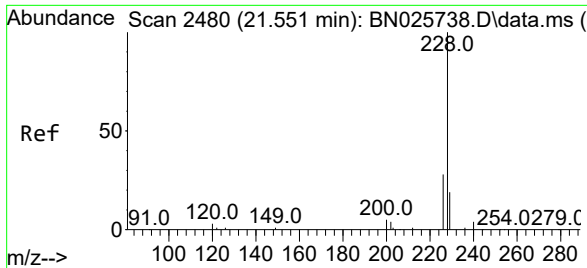
Tgt Ion:202 Resp: 2472
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 17.3 14.2 21.2



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.997 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion:244 Resp: 12261
Ion Ratio Lower Upper
244 100
212 10.3 8.6 12.8
122 18.0 15.2 22.8

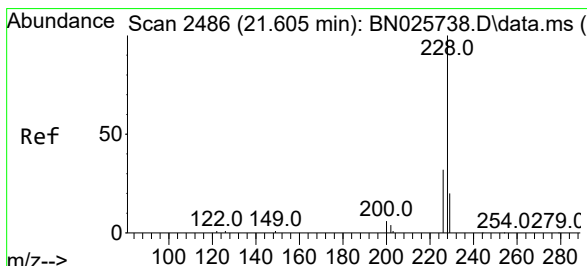
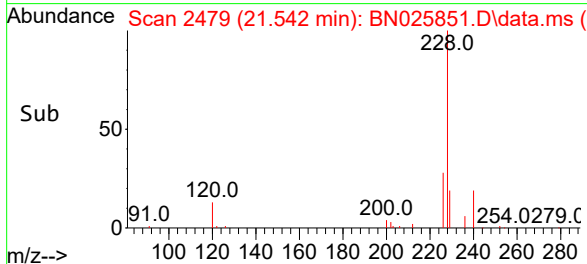
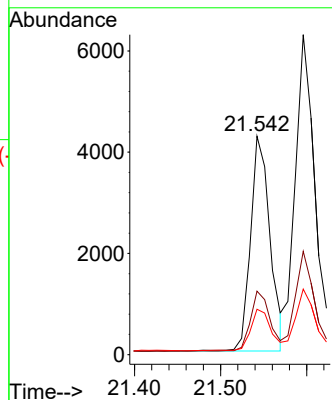
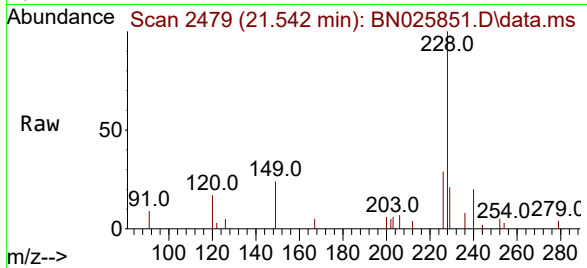




#32
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.542 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

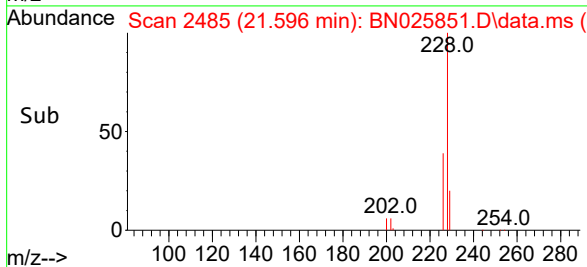
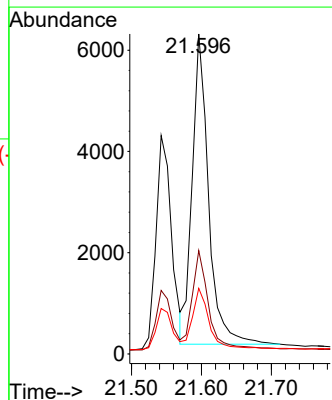
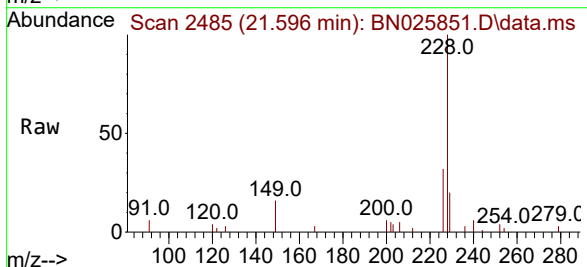
Instrument :
BNA_N
ClientSampleId :
PB153336BL

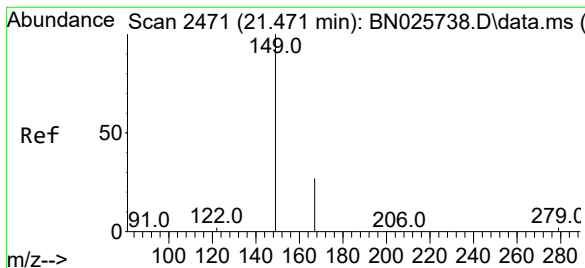
Tgt Ion:228 Resp: 6673
Ion Ratio Lower Upper
228 100
226 29.1 22.9 34.3
229 20.8 15.6 23.4



#33
Chrysene
Concen: 0.186 ng
RT: 21.596 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion:228 Resp: 9937
Ion Ratio Lower Upper
228 100
226 32.3 25.4 38.2
229 20.5 16.1 24.1

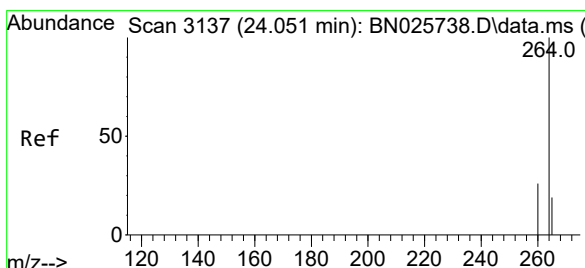
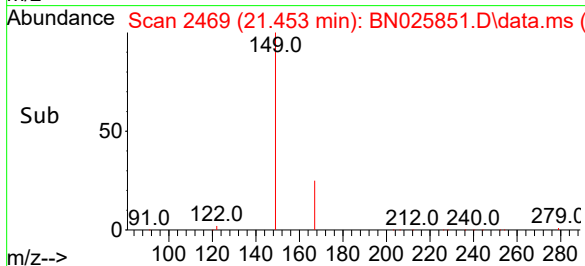
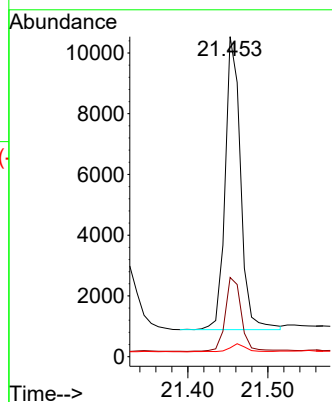
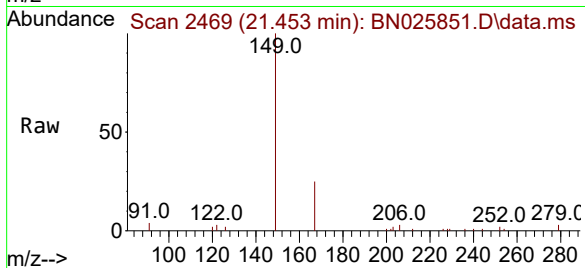




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.432 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. -0.009 min
 Lab File: BN025851.D
 Acq: 15 Jun 2023 10:52

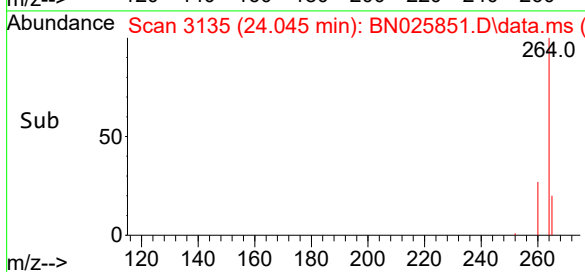
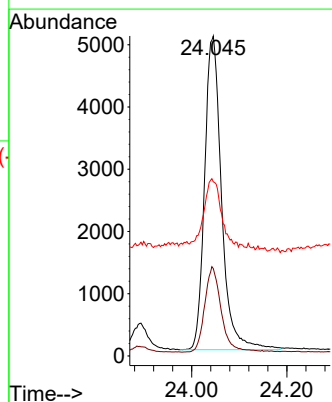
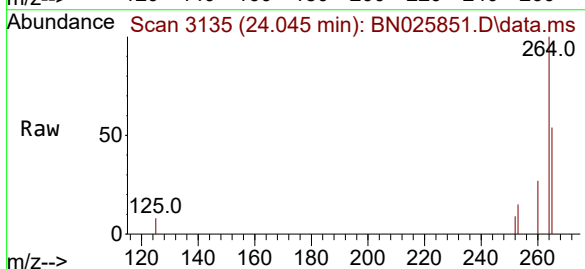
Instrument :
 BNA_N
 ClientSampleId :
 PB153336BL

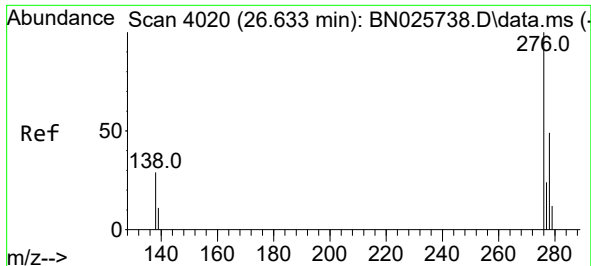
Tgt Ion:149 Resp: 12942
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.6
 279 2.9 2.2 3.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.045 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: BN025851.D
 Acq: 15 Jun 2023 10:52

Tgt Ion:264 Resp: 12456
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 54.4 44.7 67.1

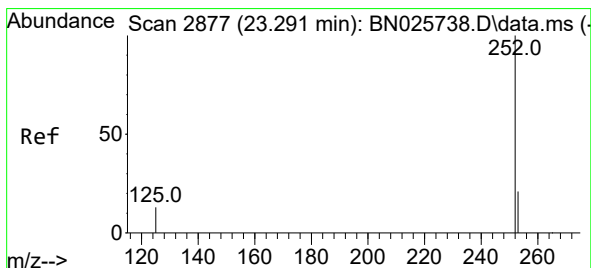
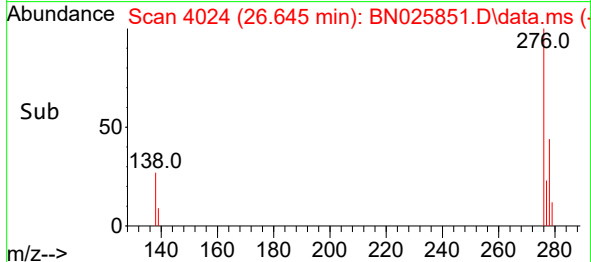
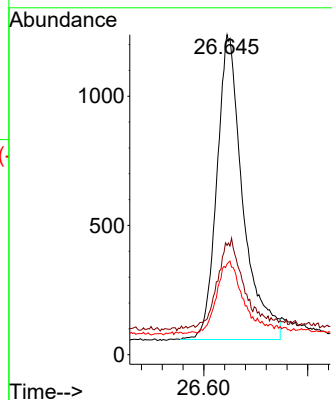
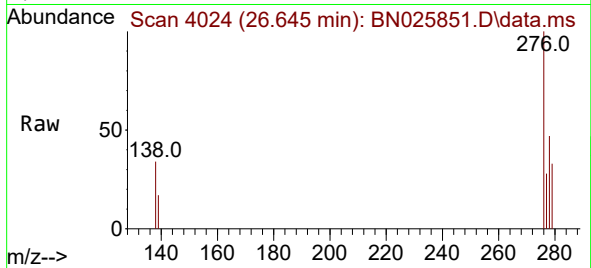




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 26.645 min Scan# 4024
 Delta R.T. 0.003 min
 Lab File: BN025851.D
 Acq: 15 Jun 2023 10:52

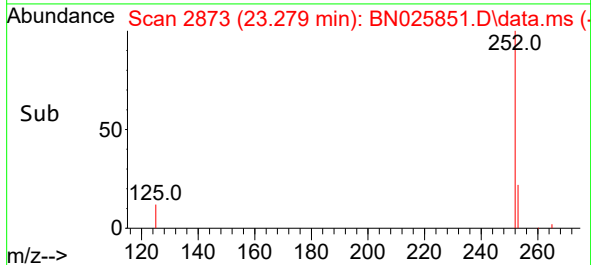
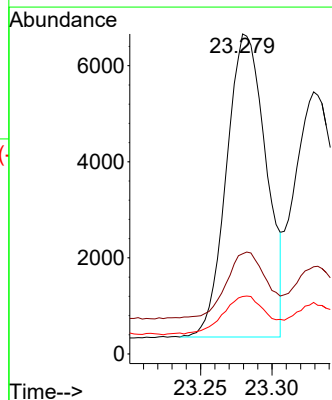
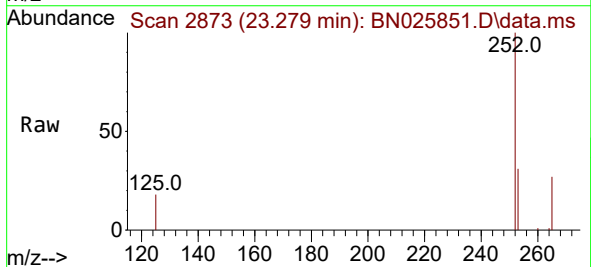
Instrument :
 BNA_N
 ClientSampleId :
 PB153336BL

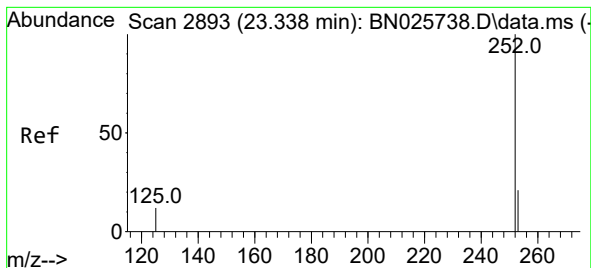
Tgt Ion:276 Resp: 4103
 Ion Ratio Lower Upper
 276 100
 138 26.1 26.1 39.1#
 277 22.0 19.4 29.2



#37
 Benzo(b)fluoranthene
 Concen: 0.248 ng
 RT: 23.279 min Scan# 2873
 Delta R.T. -0.003 min
 Lab File: BN025851.D
 Acq: 15 Jun 2023 10:52

Tgt Ion:252 Resp: 12161
 Ion Ratio Lower Upper
 252 100
 253 31.3 23.4 35.0
 125 18.0 12.3 18.5





#38

Benzo(k)fluoranthene

Concen: 0.207 ng

RT: 23.329 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025851.D

Acq: 15 Jun 2023 10:52

Instrument :

BNA_N

ClientSampleId :

PB153336BL

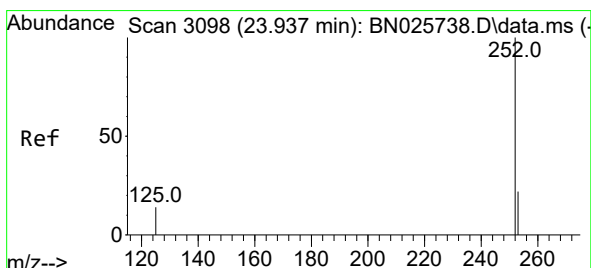
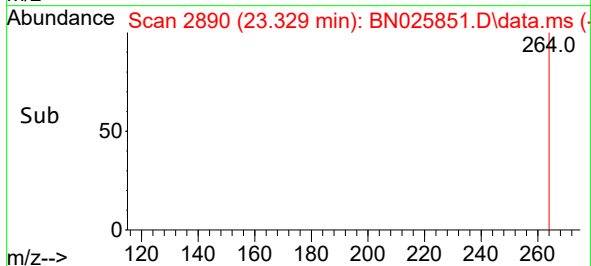
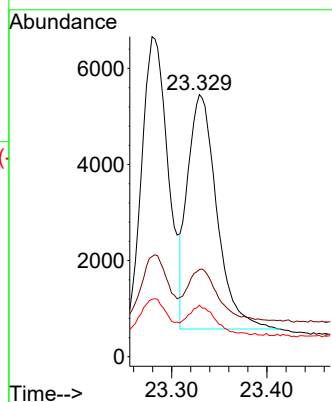
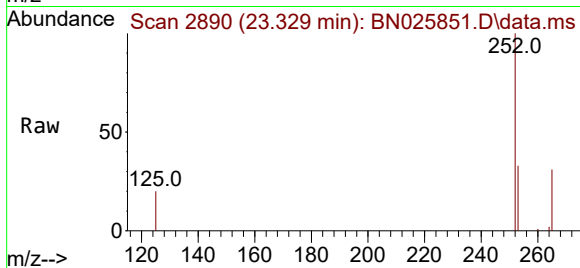
Tgt Ion:252 Resp: 10392

Ion Ratio Lower Upper

252 100

253 33.2 24.2 36.4

125 19.7 12.2 18.2#



#39

Benzo(a)pyrene

Concen: 0.130 ng

RT: 23.937 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BN025851.D

Acq: 15 Jun 2023 10:52

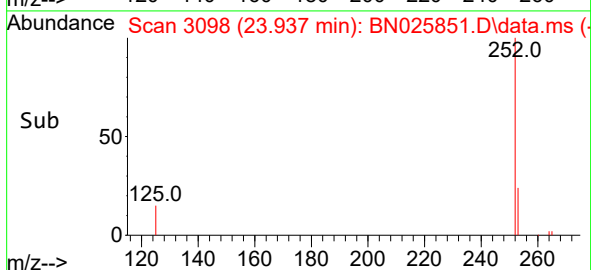
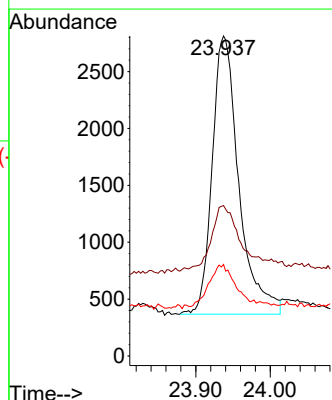
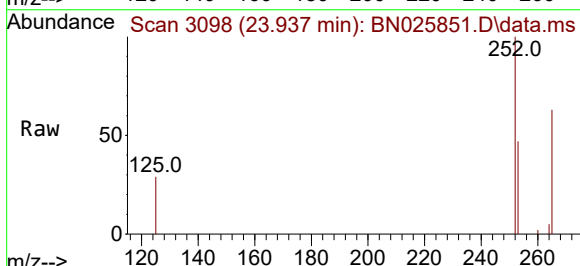
Tgt Ion:252 Resp: 6065

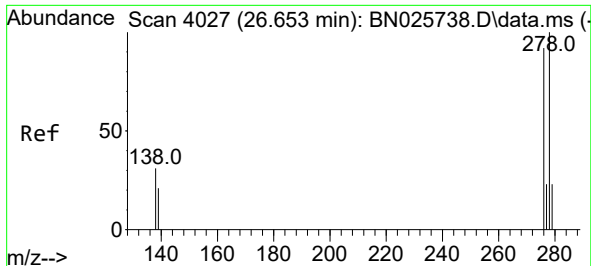
Ion Ratio Lower Upper

252 100

253 47.0 27.5 41.3#

125 28.6 14.6 21.8#

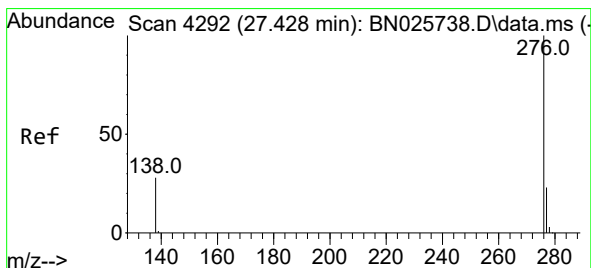
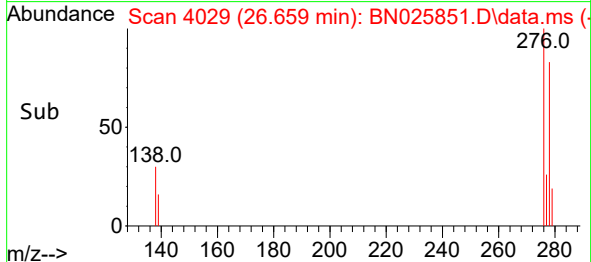
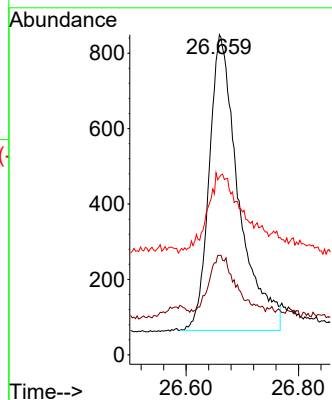
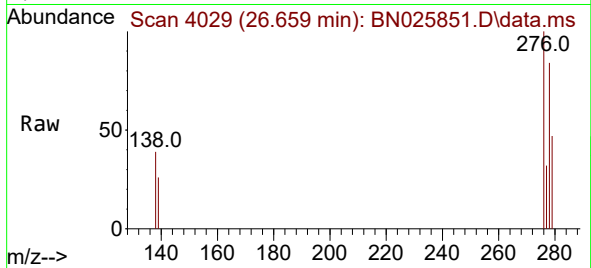




#40
Dibenzo(a,h)anthracene
Concen: 0.066 ng
RT: 26.659 min Scan# 4027
Delta R.T. -0.003 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Instrument :
BNA_N
ClientSampleId :
PB153336BL

Tgt Ion:278 Resp: 2848
Ion Ratio Lower Upper
278 100
139 31.1 18.7 28.1#
279 55.5 25.1 37.7#



#41
Benzo(g,h,i)perylene
Concen: 0.085 ng
RT: 27.448 min Scan# 4299
Delta R.T. 0.003 min
Lab File: BN025851.D
Acq: 15 Jun 2023 10:52

Tgt Ion:276 Resp: 4113
Ion Ratio Lower Upper
276 100
277 29.2 20.2 30.2
138 35.9 24.2 36.4

