

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025870.D
 Acq On : 15 Jun 2023 23:34
 Operator : MA/JU
 Sample : PB153425BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153425BL

Quant Time: Jun 16 01:48:15 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)

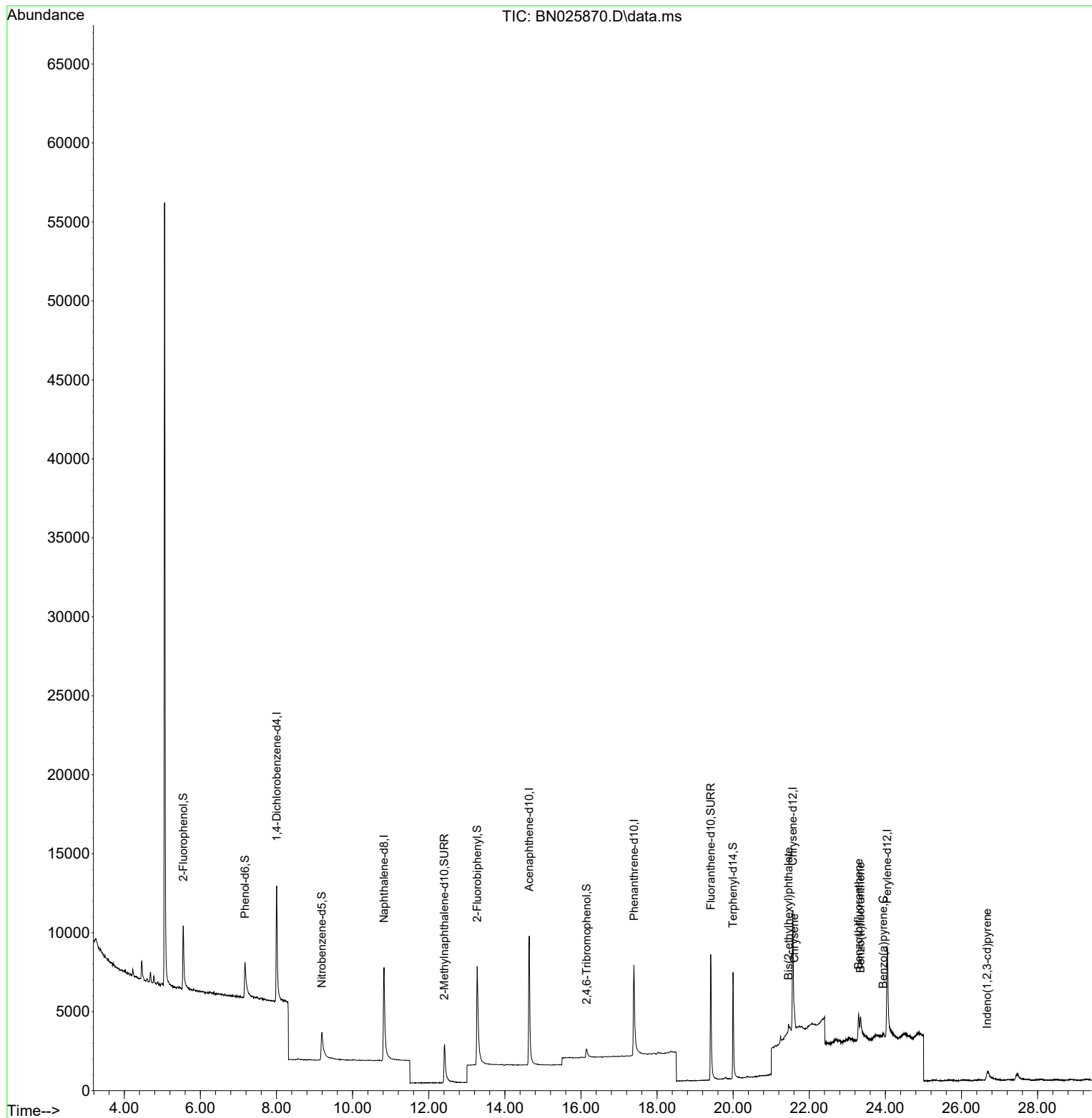
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5325	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	12992	0.400	ng	0.01
13) Acenaphthene-d10	14.641	164	6715	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	13101	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	10062	0.400	ng	0.00
35) Perylene-d12	24.051	264	10683	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	4544	0.304	ng	0.01
5) Phenol-d6	7.175	99	4263	0.232	ng	0.02
8) Nitrobenzene-d5	9.191	82	3546	0.294	ng	0.03
11) 2-Methylnaphthalene-d10	12.412	152	6662	0.356	ng	0.02
14) 2,4,6-Tribromophenol	16.152	330	542	0.262	ng	0.03
15) 2-Fluorobiphenyl	13.272	172	9591	0.338	ng	0.01
27) Fluoranthene-d10	19.412	212	12352	0.458	ng	0.00
31) Terphenyl-d14	19.997	244	8624	0.353	ng	0.00
Target Compounds						
33) Chrysene	21.605	228	1044	0.025	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.453	149	1549	0.067	ng	# 75
36) Indeno(1,2,3-cd)pyrene	26.677	276	1315	0.028	ng	# 62
37) Benzo(b)fluoranthene	23.297	252	2650	0.063	ng	# 38
38) Benzo(k)fluoranthene	23.347	252	2049	0.048	ng	# 29
39) Benzo(a)pyrene	23.940	252	875	0.022	ng	# 1

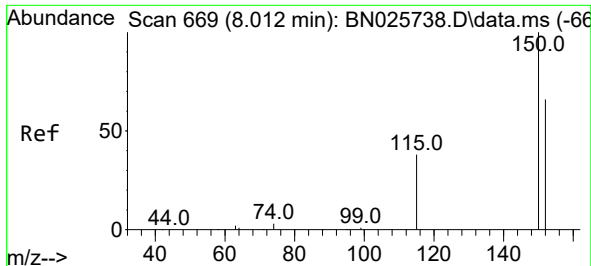
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
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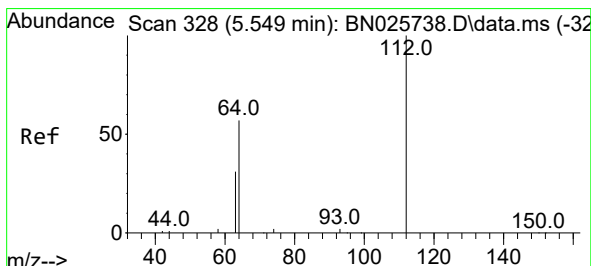
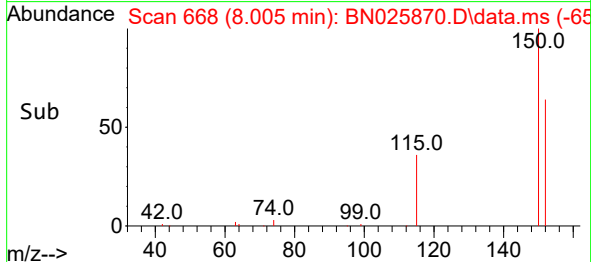
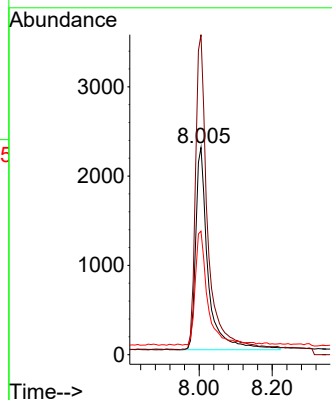
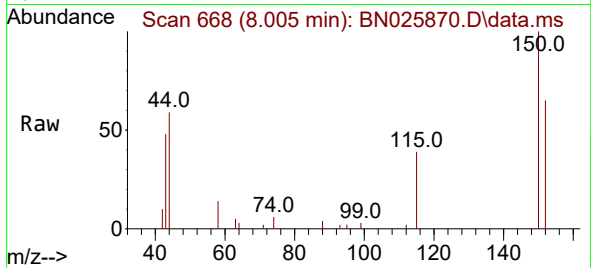




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 669
Delta R.T. 0.007 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

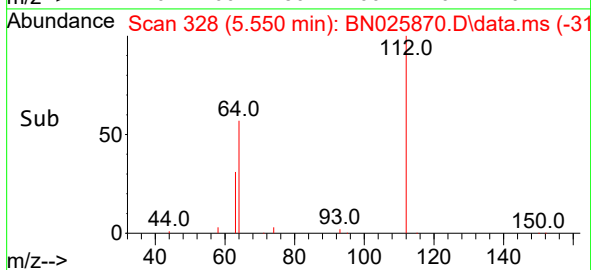
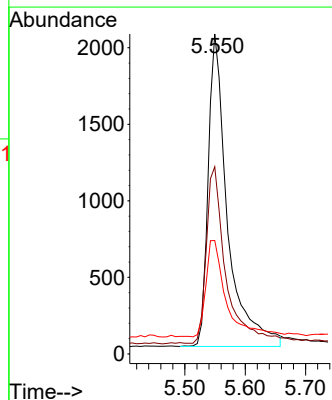
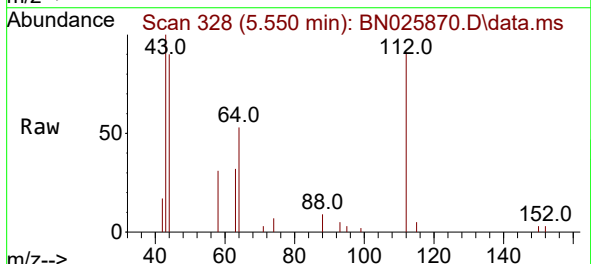
Instrument :
BNA_N
ClientSampleId :
PB153425BL

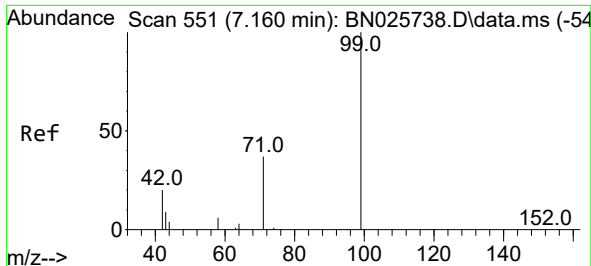
Tgt Ion:152 Resp: 5325
Ion Ratio Lower Upper
152 100
150 154.5 121.5 182.3
115 59.7 47.7 71.5



#4
2-Fluorophenol
Concen: 0.304 ng
RT: 5.550 min Scan# 328
Delta R.T. 0.015 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

Tgt Ion:112 Resp: 4544
Ion Ratio Lower Upper
112 100
64 56.9 47.5 71.3
63 31.7 26.2 39.4

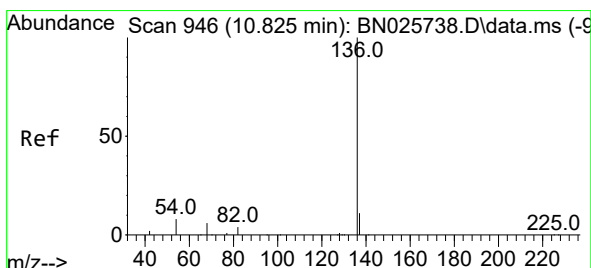
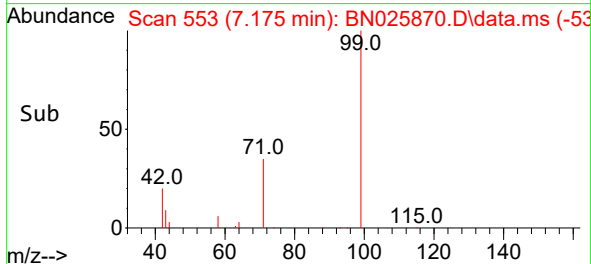
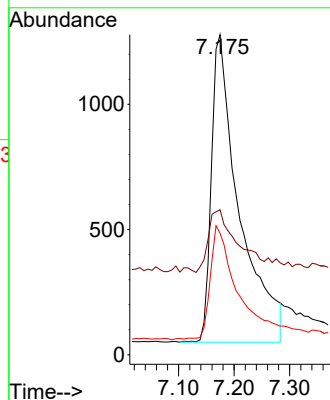
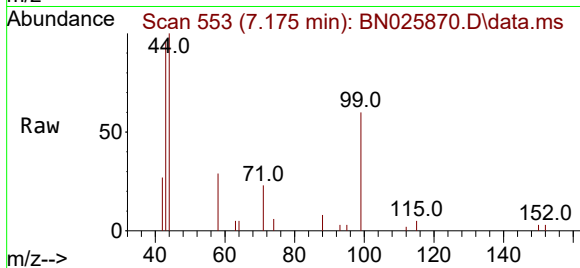




#5
Phenol-d6
Concen: 0.232 ng
RT: 7.175 min Scan# 511
Delta R.T. 0.022 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

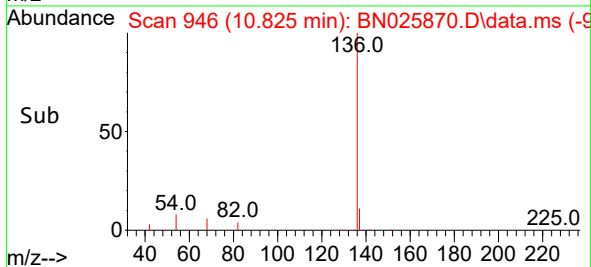
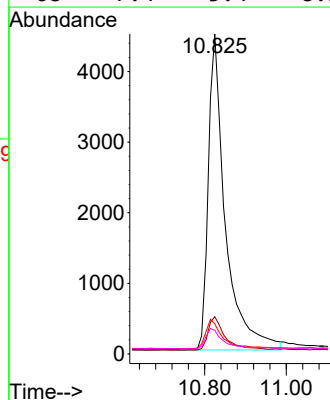
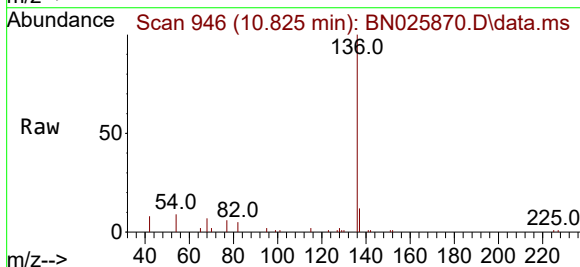
Instrument :
BNA_N
ClientSampleId :
PB153425BL

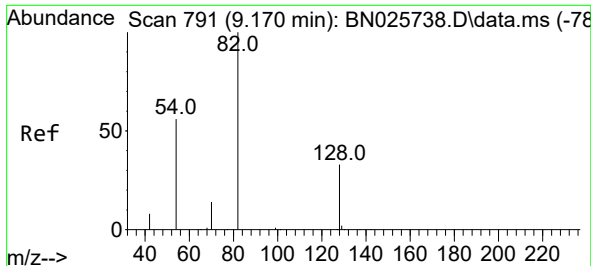
Tgt Ion: 99 Resp: 4263
Ion Ratio Lower Upper
99 100
42 21.3 18.6 28.0
71 37.0 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

Tgt Ion: 136 Resp: 12992
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 9.4 7.2 10.8
68 7.4 5.4 8.2

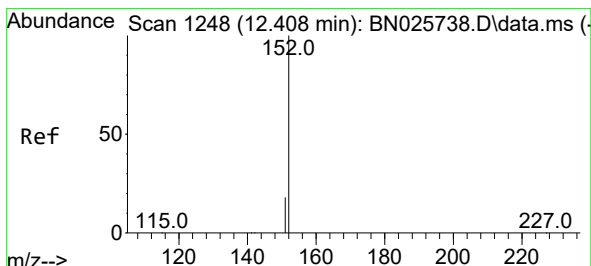
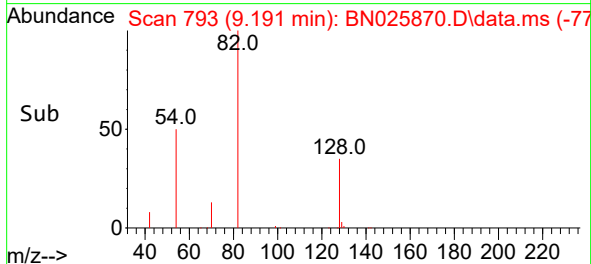
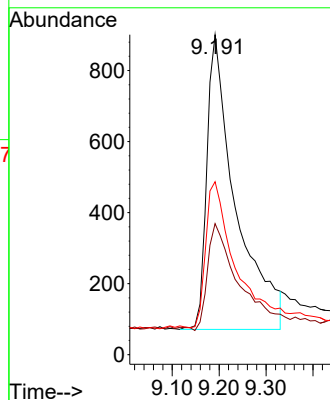
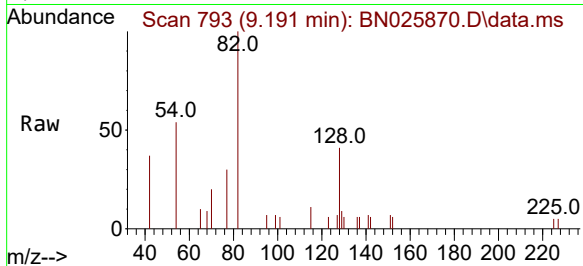




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 9.191 min Scan# 791
Delta R.T. 0.032 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

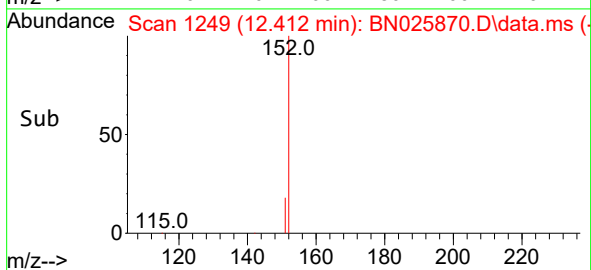
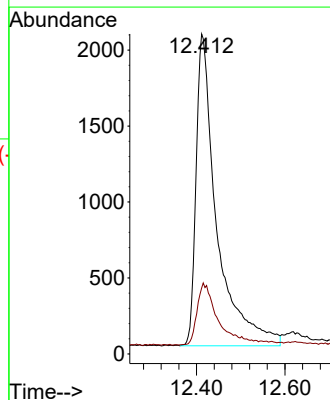
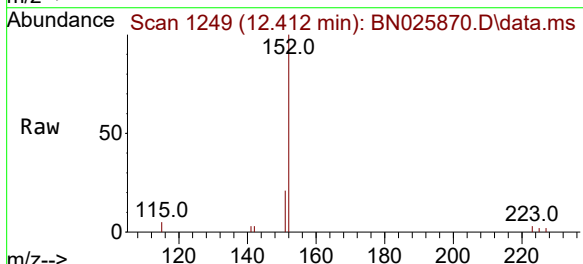
Instrument :
BNA_N
ClientSampleId :
PB153425BL

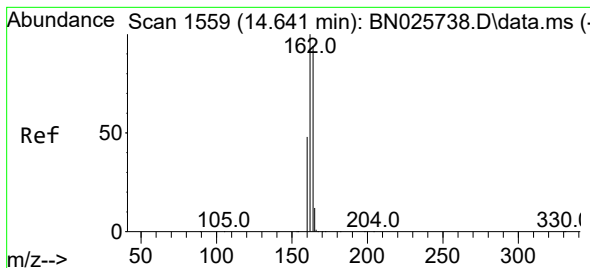
Tgt Ion: 82 Resp: 3546
Ion Ratio Lower Upper
82 100
128 41.0 27.6 41.4
54 54.1 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.412 min Scan# 1249
Delta R.T. 0.015 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

Tgt Ion: 152 Resp: 6662
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.641 min Scan# 1559

Delta R.T. 0.011 min

Lab File: BN025870.D

Acq: 15 Jun 2023 23:34

Instrument :

BNA_N

ClientSampleId :

PB153425BL

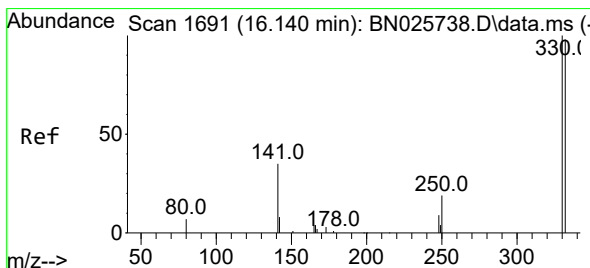
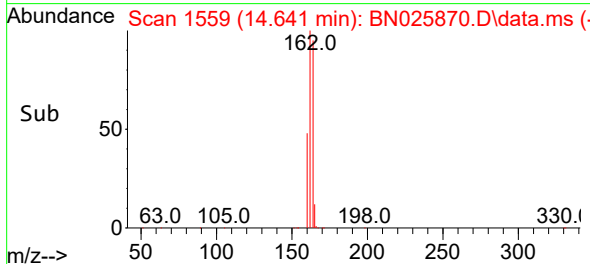
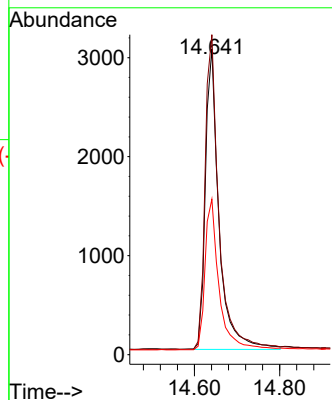
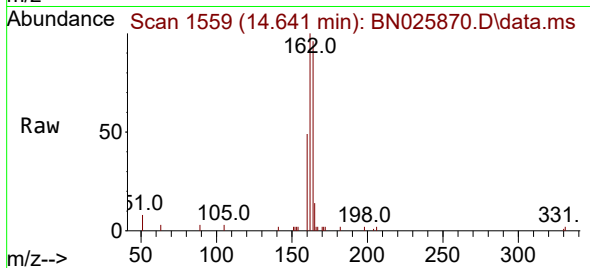
Tgt Ion:164 Resp: 6715

Ion Ratio Lower Upper

164 100

162 104.7 85.0 127.6

160 50.8 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.262 ng

RT: 16.152 min Scan# 1692

Delta R.T. 0.025 min

Lab File: BN025870.D

Acq: 15 Jun 2023 23:34

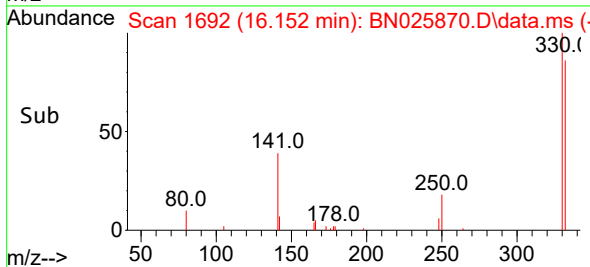
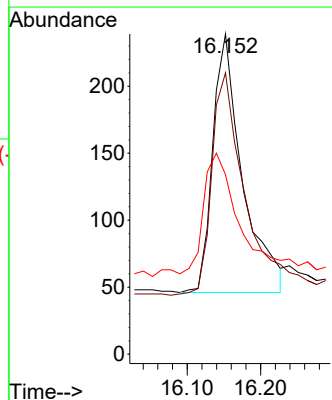
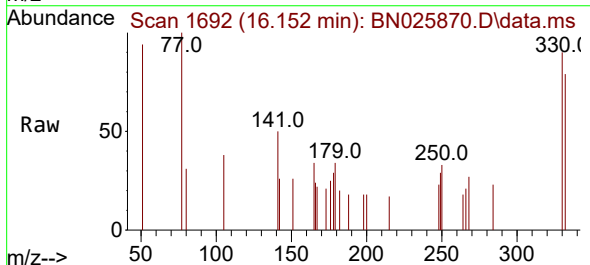
Tgt Ion:330 Resp: 542

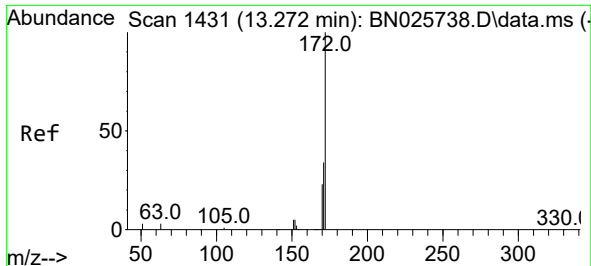
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 48.7 55.0 82.6#

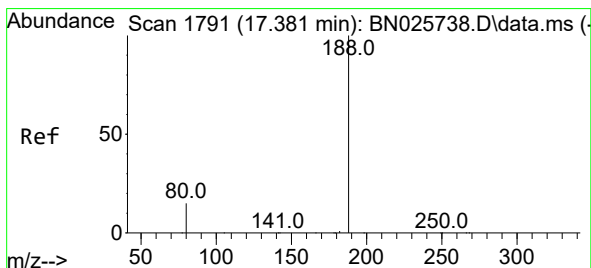
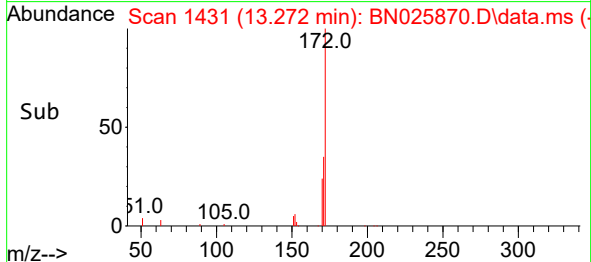
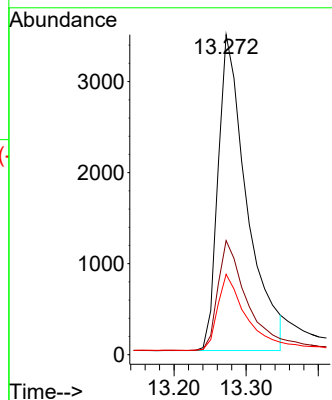
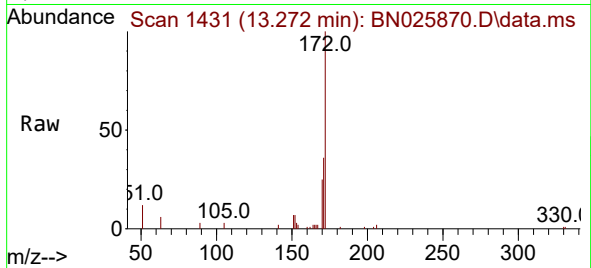




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.272 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

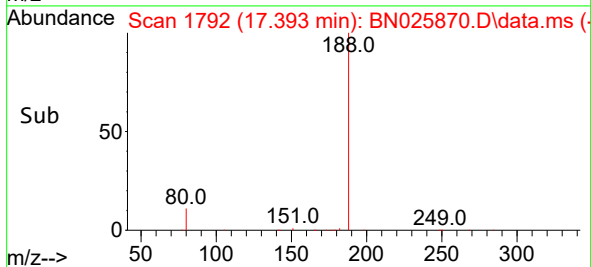
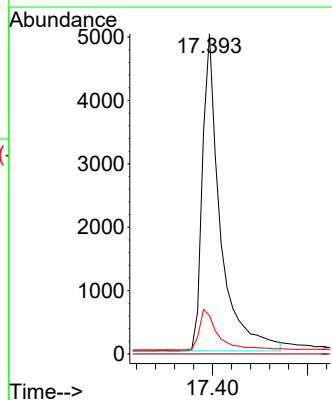
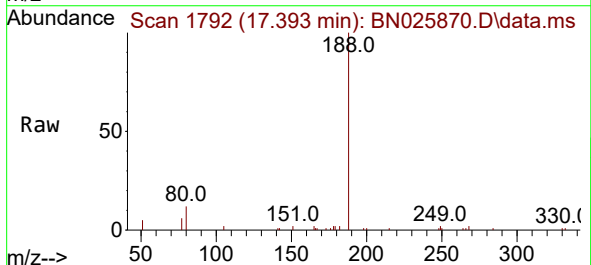
Instrument :
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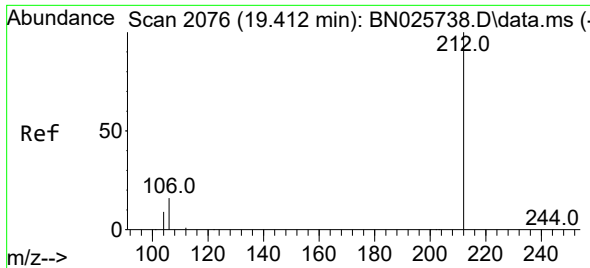
Tgt Ion:172 Resp: 9591
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 25.1 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.013 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

Tgt Ion:188 Resp: 13101
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 12.1 18.1#

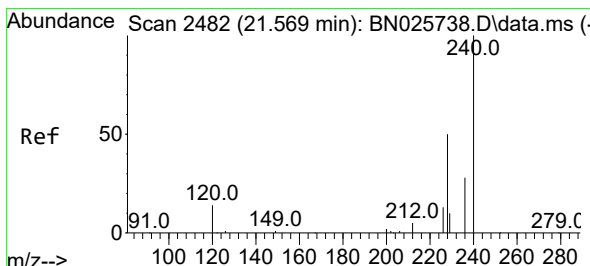
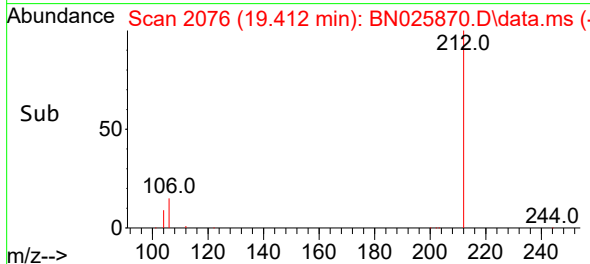
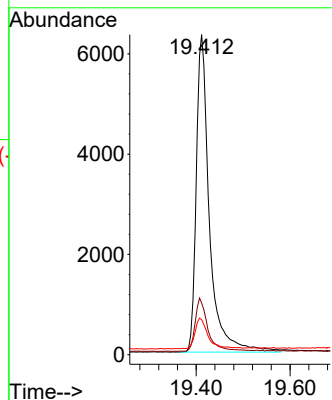
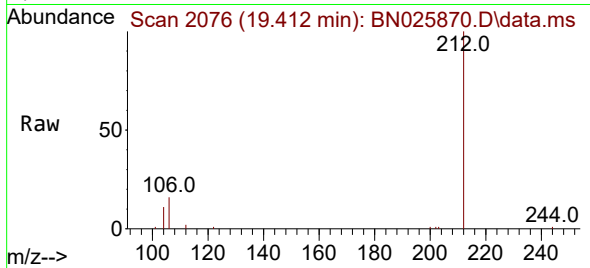




#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.412 min Scan# 2076
Delta R.T. 0.010 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

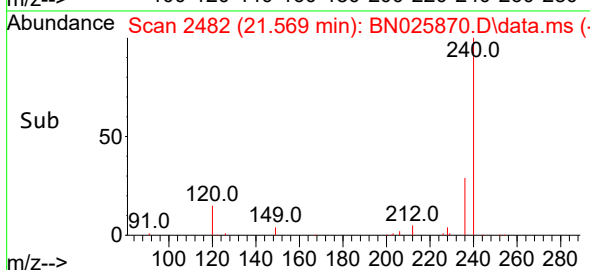
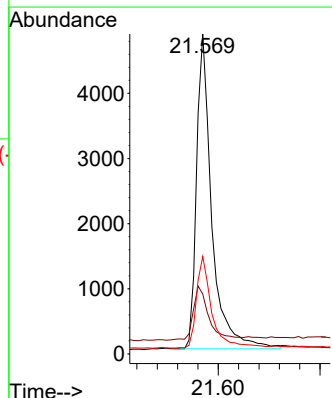
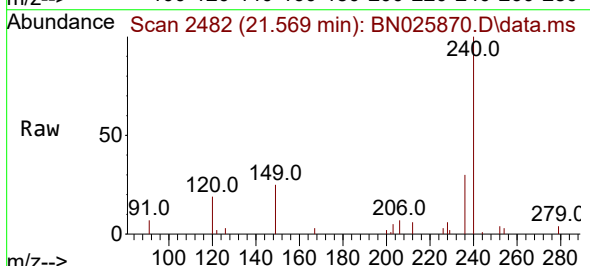
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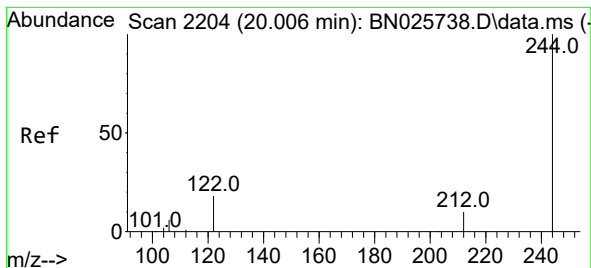
Tgt Ion:212 Resp: 12352
Ion Ratio Lower Upper
212 100
106 16.1 13.0 19.6
104 9.6 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025870.D
Acq: 15 Jun 2023 23:34

Tgt Ion:240 Resp: 10062
Ion Ratio Lower Upper
240 100
120 18.7 13.2 19.8
236 30.5 23.1 34.7





#31

Terphenyl-d14

Concen: 0.353 ng

RT: 19.997 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025870.D

Acq: 15 Jun 2023 23:34

Instrument :

BNA_N

ClientSampleId :

PB153425BL

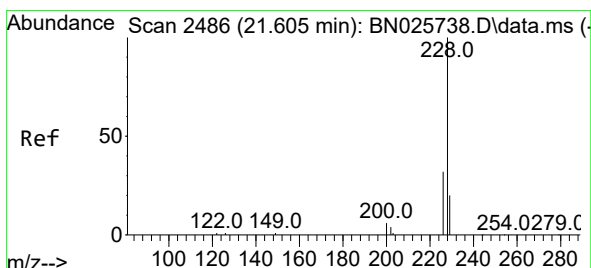
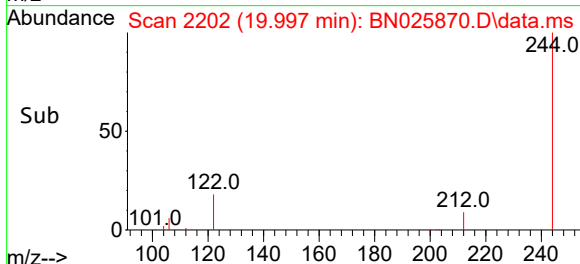
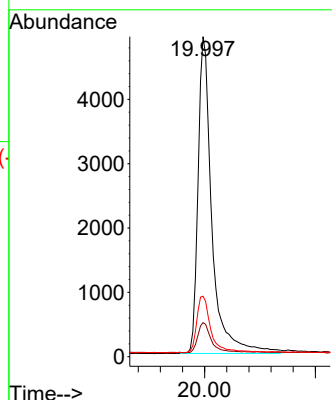
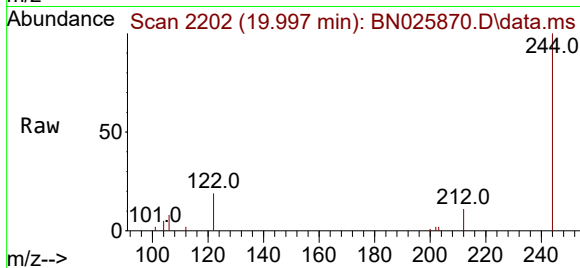
Tgt Ion:244 Resp: 8624

Ion Ratio Lower Upper

244 100

212 10.6 8.6 12.8

122 18.9 15.2 22.8



#33

Chrysene

Concen: 0.025 ng

RT: 21.605 min Scan# 2486

Delta R.T. 0.009 min

Lab File: BN025870.D

Acq: 15 Jun 2023 23:34

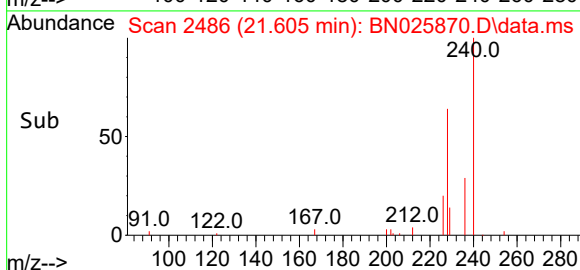
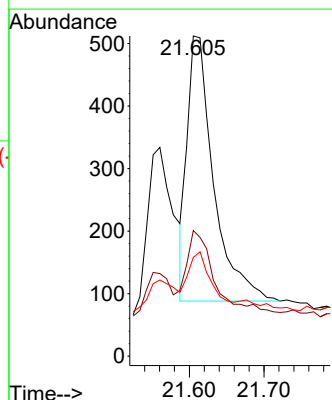
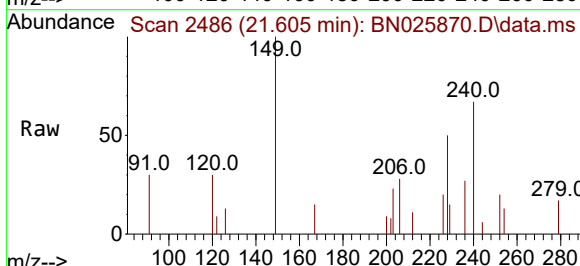
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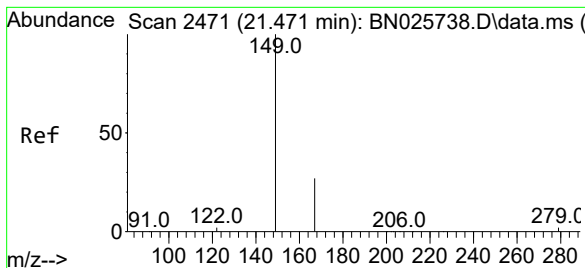
Ion Ratio Lower Upper

228 100

226 39.3 25.4 38.2#

229 30.9 16.1 24.1#

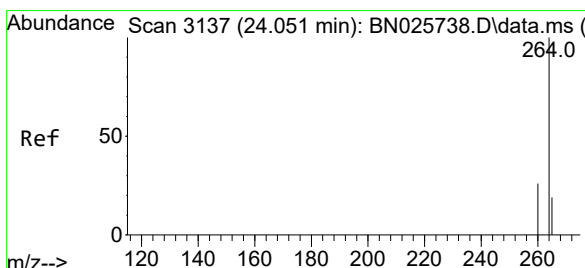
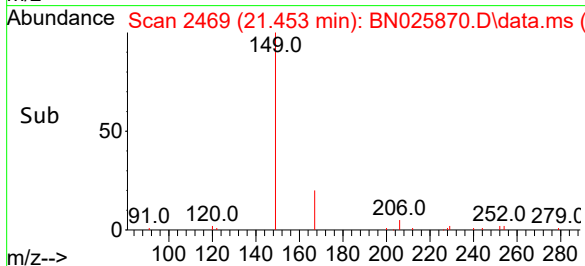
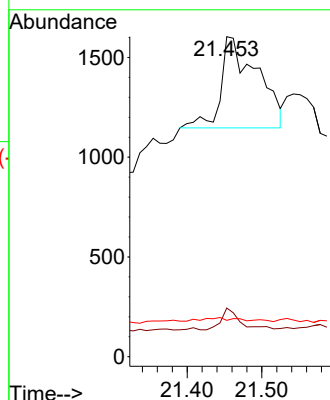
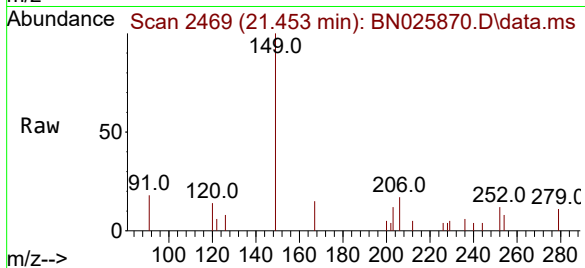




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. -0.009 min
 Lab File: BN025870.D
 Acq: 15 Jun 2023 23:34

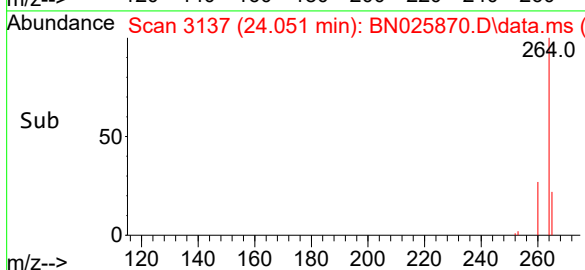
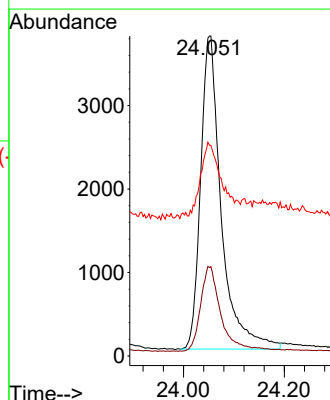
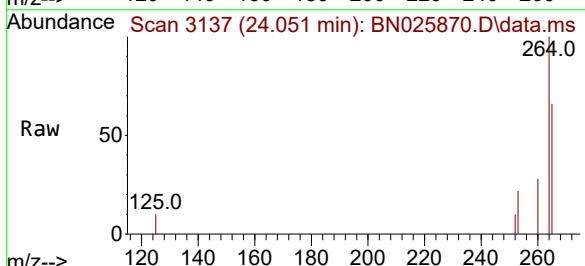
Instrument :
 BNA_N
 ClientSampleId :
 PB153425BL

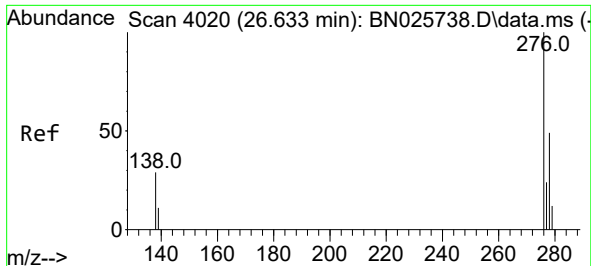
Tgt Ion:149 Resp: 1549
 Ion Ratio Lower Upper
 149 100
 167 12.2 21.0 31.6#
 279 4.5 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.051 min Scan# 3137
 Delta R.T. 0.003 min
 Lab File: BN025870.D
 Acq: 15 Jun 2023 23:34

Tgt Ion:264 Resp: 10683
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 65.9 44.7 67.1

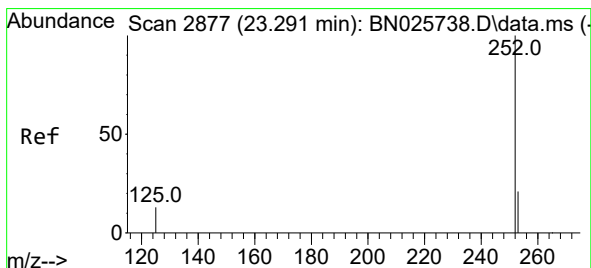
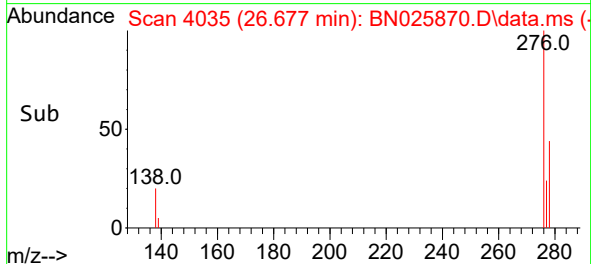
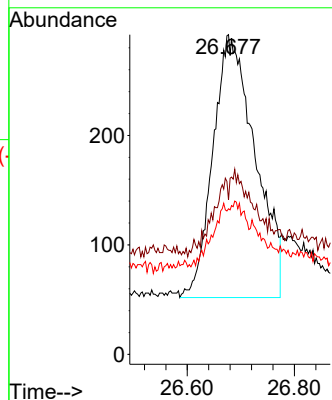
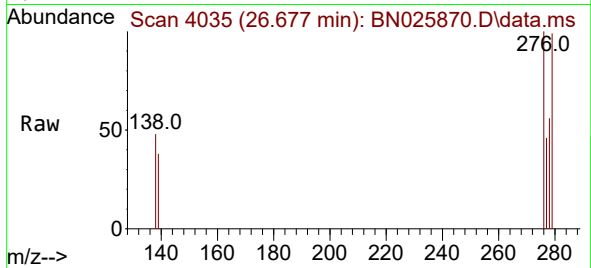




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng
 RT: 26.677 min Scan# 4020
 Delta R.T. 0.035 min
 Lab File: BN025870.D
 Acq: 15 Jun 2023 23:34

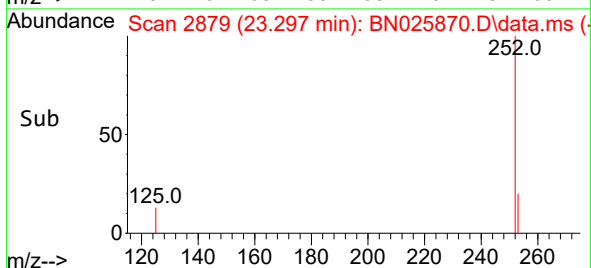
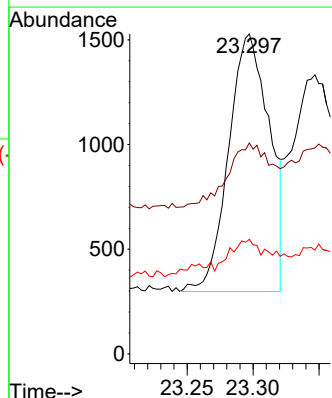
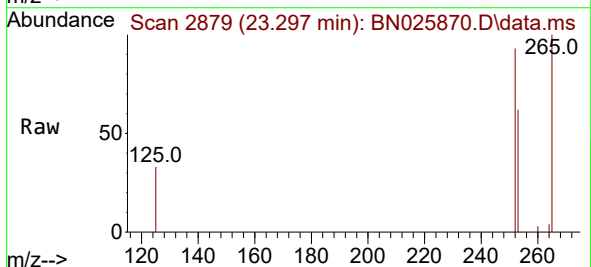
Instrument :
 BNA_N
 ClientSampleId :
 PB153425BL

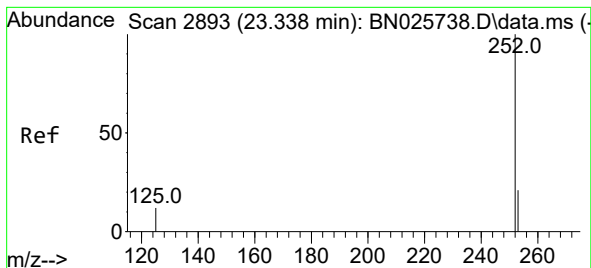
Tgt Ion:276 Resp: 1315
 Ion Ratio Lower Upper
 276 100
 138 8.7 26.1 39.1#
 277 7.8 19.4 29.2#



#37
 Benzo(b)fluoranthene
 Concen: 0.063 ng
 RT: 23.297 min Scan# 2879
 Delta R.T. 0.015 min
 Lab File: BN025870.D
 Acq: 15 Jun 2023 23:34

Tgt Ion:252 Resp: 2650
 Ion Ratio Lower Upper
 252 100
 253 66.0 23.4 35.0#
 125 35.8 12.3 18.5#





#38

Benzo(k)fluoranthene

Concen: 0.048 ng

RT: 23.347 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN025870.D

Acq: 15 Jun 2023 23:34

Instrument :

BNA_N

ClientSampleId :

PB153425BL

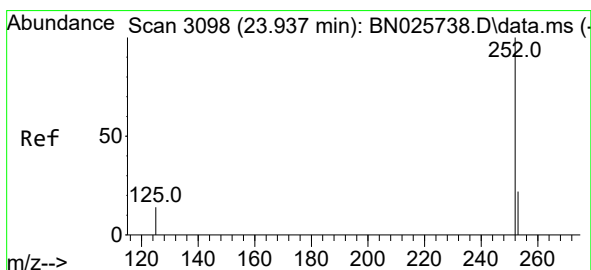
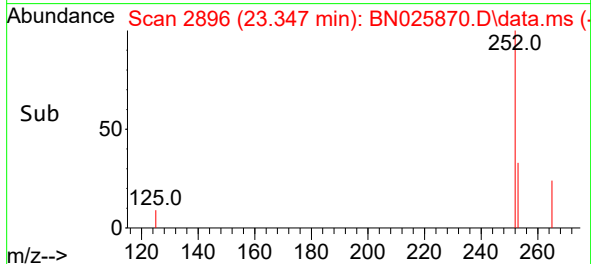
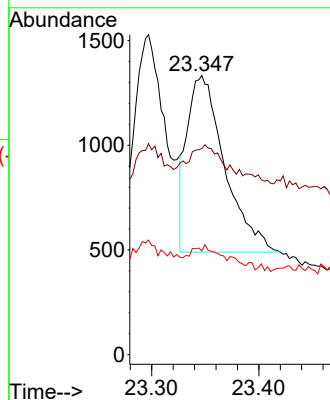
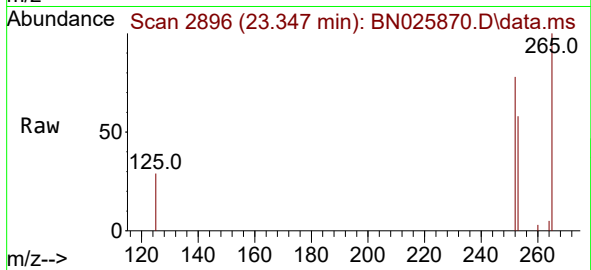
Tgt Ion:252 Resp: 2049

Ion Ratio Lower Upper

252 100

253 73.8 24.2 36.4#

125 37.2 12.2 18.2#



#39

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.940 min Scan# 3099

Delta R.T. 0.003 min

Lab File: BN025870.D

Acq: 15 Jun 2023 23:34

Tgt Ion:252 Resp: 875

Ion Ratio Lower Upper

252 100

253 134.4 27.5 41.3#

125 70.1 14.6 21.8#

