

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
 Data File : BN025757.D
 Acq On : 06 Jun 2023 16:48
 Operator : CG/JU
 Sample : 03021-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230601

Quant Time: Jun 07 05:28:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 15:34:02 2023
 Response via : Initial Calibration

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

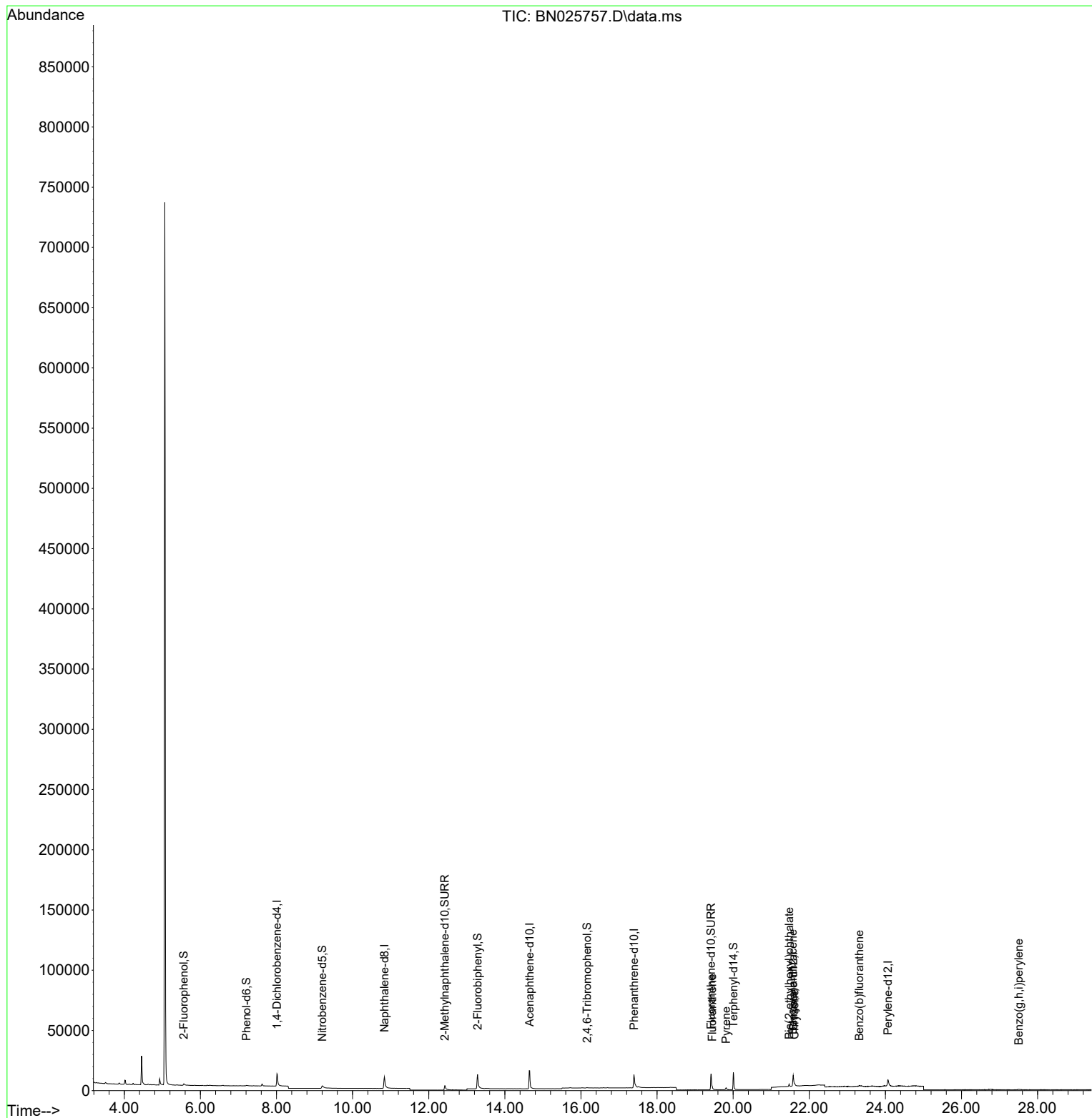
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7339	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	19336	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	11616	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	22239	0.400	ng	0.01
29) Chrysene-d12	21.578	240	11325	0.400	ng	0.00
35) Perylene-d12	24.069	264	10317	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1631	0.079	ng	0.01
5) Phenol-d6	7.210	99	865	0.034	ng	0.05
8) Nitrobenzene-d5	9.202	82	4339	0.242	ng	0.02
11) 2-Methylnaphthalene-d10	12.423	152	8964	0.322	ng	0.02
14) 2,4,6-Tribromophenol	16.164	330	302	0.084	ng	0.02
15) 2-Fluorobiphenyl	13.283	172	15317	0.312	ng	0.01
27) Fluoranthene-d10	19.421	212	18623	0.407	ng	0.00
31) Terphenyl-d14	20.006	244	15971	0.581	ng	0.00
Target Compounds						
28) Fluoranthene	19.449	202	1935	0.029	ng	# 93
30) Pyrene	19.816	202	1850	0.029	ng	# 99
32) Benzo(a)anthracene	21.569	228	956	0.022	ng	# 78
33) Chrysene	21.614	228	1183	0.026	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.471	149	2005	0.077	ng	# 96
37) Benzo(b)fluoranthene	23.317	252	999	0.025	ng	# 1
41) Benzo(g,h,i)perylene	27.507	276	832	0.021	ng	# 52

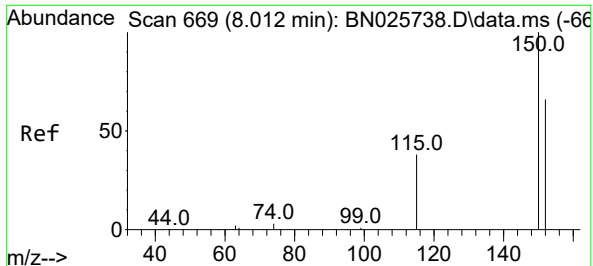
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
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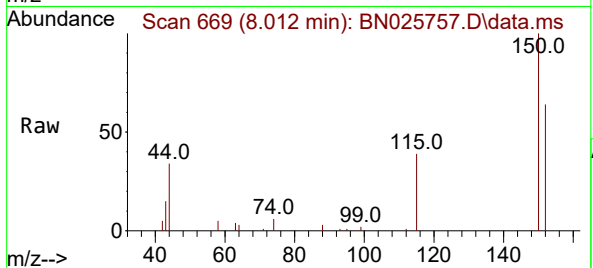
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration



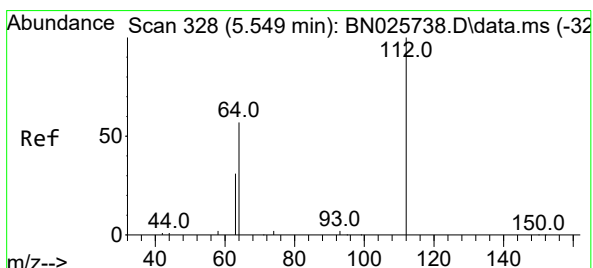
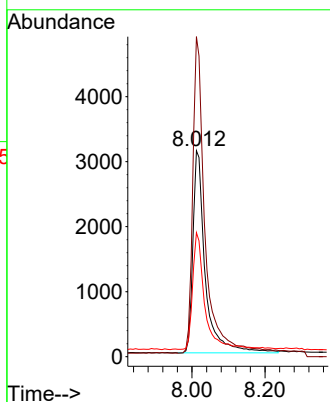
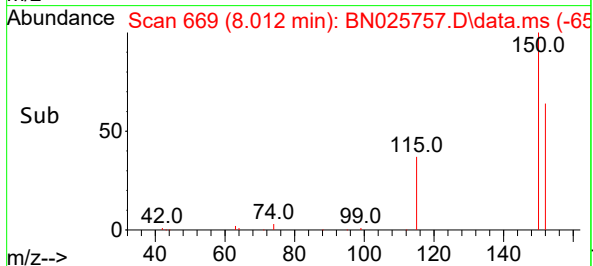


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

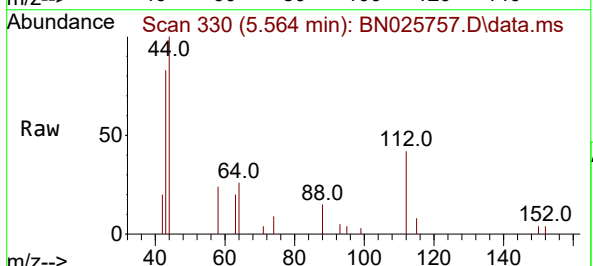
Instrument :
BNA_N
ClientSampleId :
SP-201-20230601



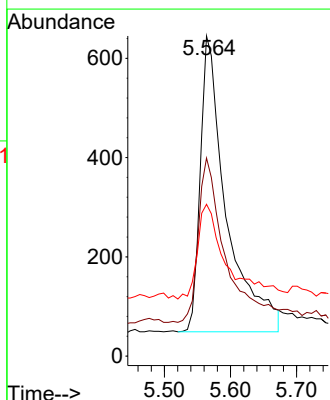
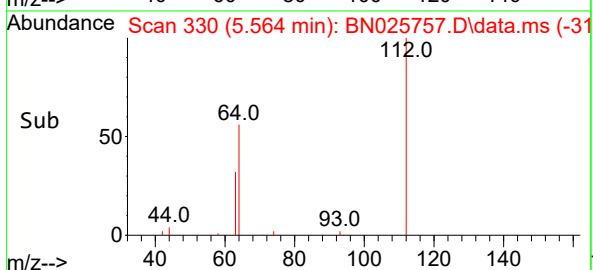
Tgt Ion:152 Resp: 7339
Ion Ratio Lower Upper
152 100
150 155.4 121.5 182.3
115 60.2 47.7 71.5

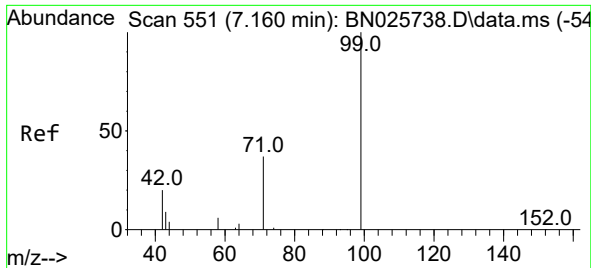


#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.014 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48



Tgt Ion:112 Resp: 1631
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 35.6 26.2 39.4

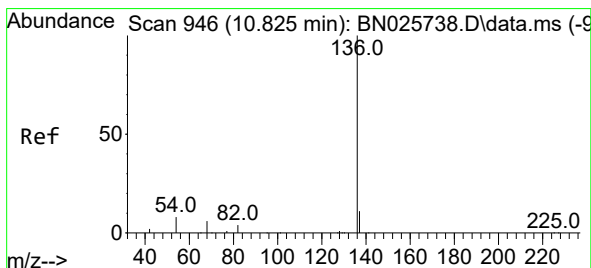
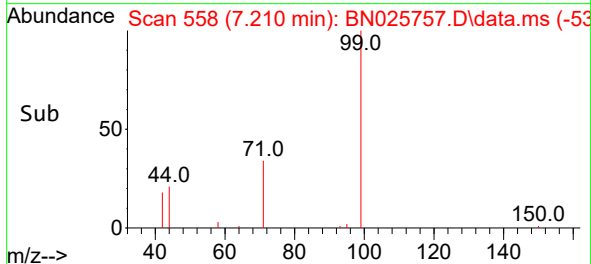
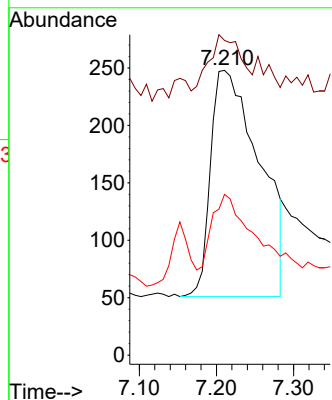
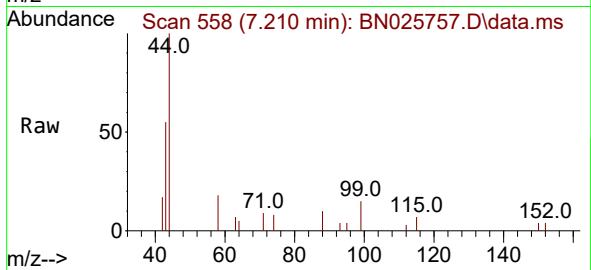




#5
Phenol-d6
Concen: 0.034 ng
RT: 7.210 min Scan# 51
Delta R.T. 0.051 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

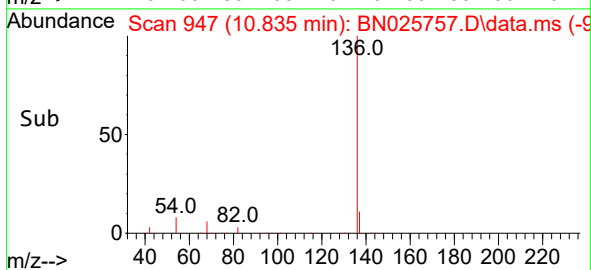
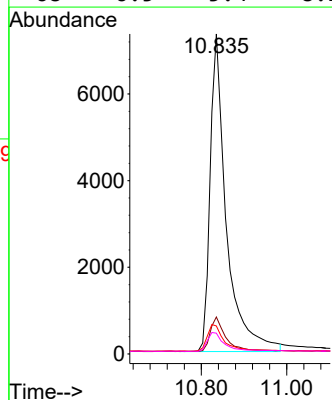
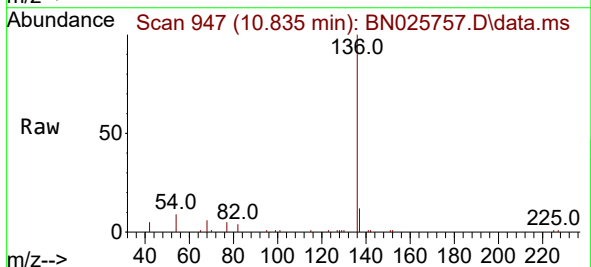
Instrument :
BNA_N
ClientSampleId :
SP-201-20230601

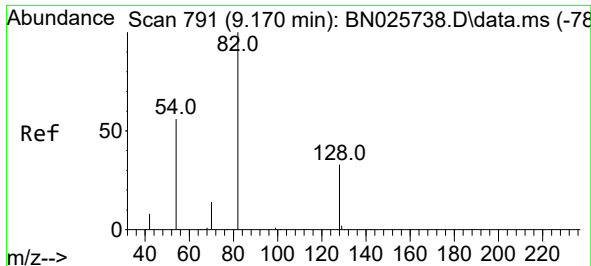
Tgt Ion: 99 Resp: 865
Ion Ratio Lower Upper
99 100
42 15.8 18.6 28.0#
71 26.5 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.011 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

Tgt Ion: 136 Resp: 19336
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 8.8 7.2 10.8
68 6.5 5.4 8.2

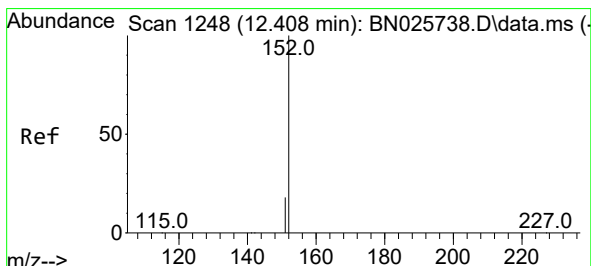
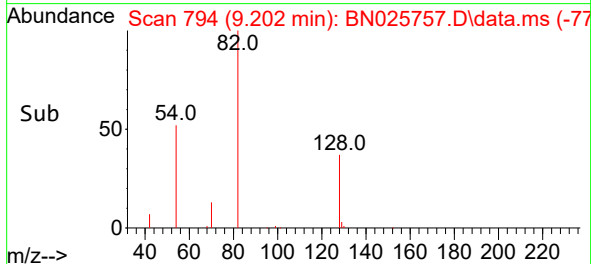
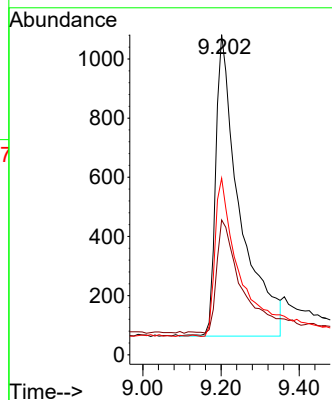
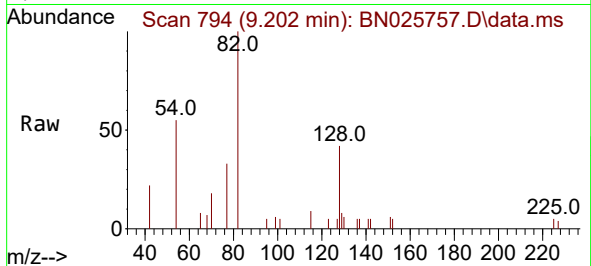




#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 9.202 min Scan# 791
Delta R.T. 0.021 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

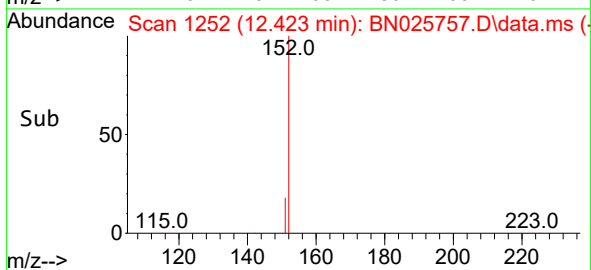
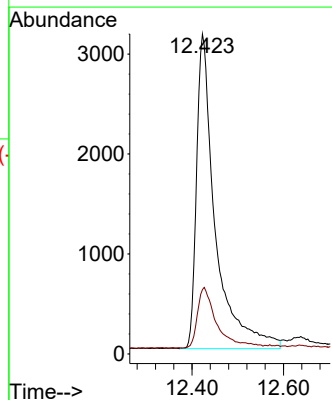
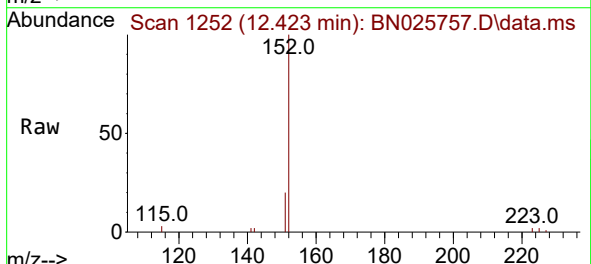
Instrument :
BNA_N
ClientSampleId :
SP-201-20230601

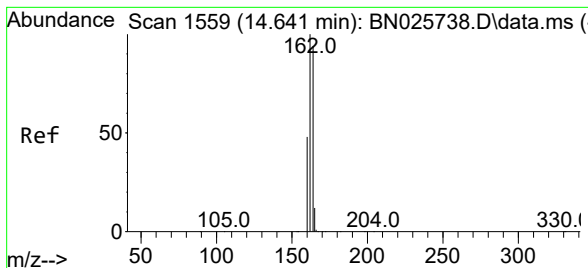
Tgt Ion: 82 Resp: 4339
Ion Ratio Lower Upper
82 100
128 42.1 27.6 41.4#
54 55.2 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.423 min Scan# 1252
Delta R.T. 0.015 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

Tgt Ion: 152 Resp: 8964
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. 0.011 min

Lab File: BN025757.D

Acq: 06 Jun 2023 16:48

Instrument :

BNA_N

ClientSampleId :

SP-201-20230601

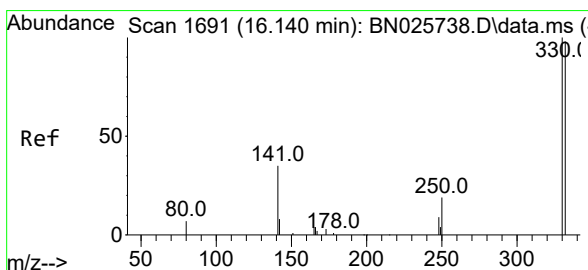
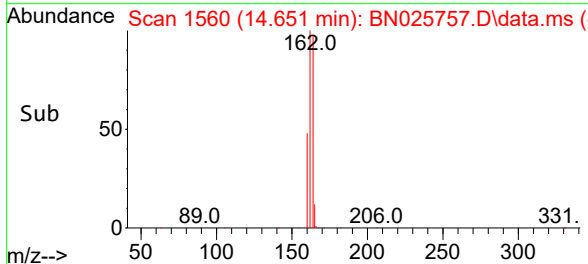
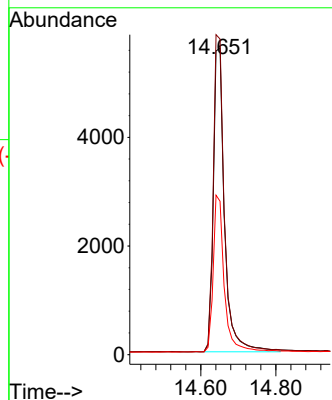
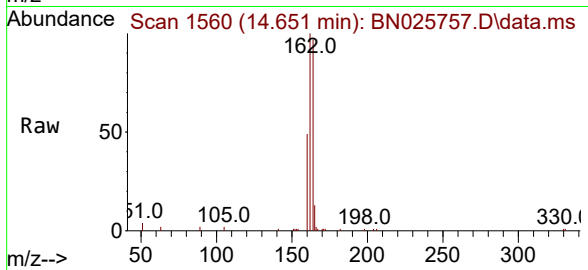
Tgt Ion:164 Resp: 11616

Ion Ratio Lower Upper

164 100

162 103.0 85.0 127.6

160 50.1 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.084 ng

RT: 16.164 min Scan# 1693

Delta R.T. 0.025 min

Lab File: BN025757.D

Acq: 06 Jun 2023 16:48

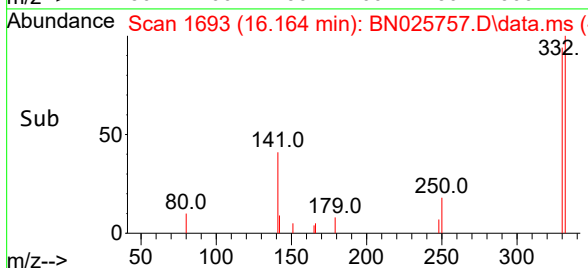
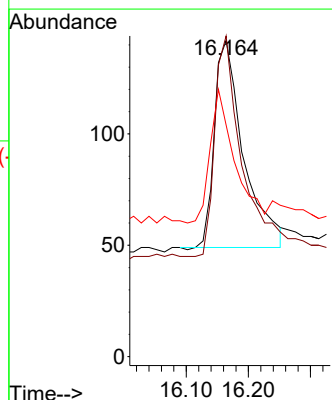
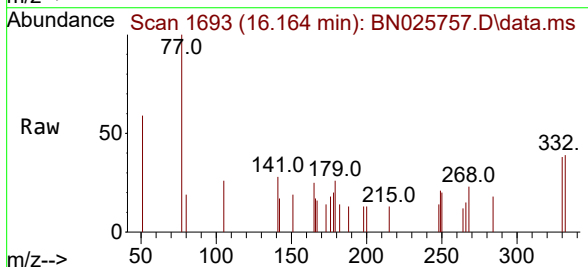
Tgt Ion:330 Resp: 302

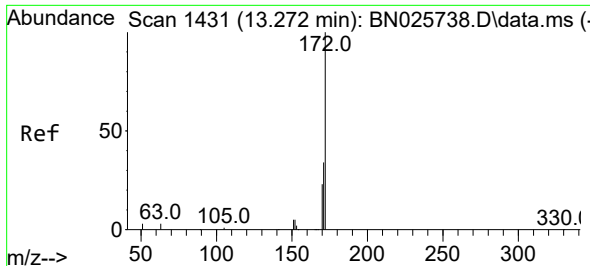
Ion Ratio Lower Upper

330 100

332 101.0 77.3 115.9

141 54.6 55.0 82.6#

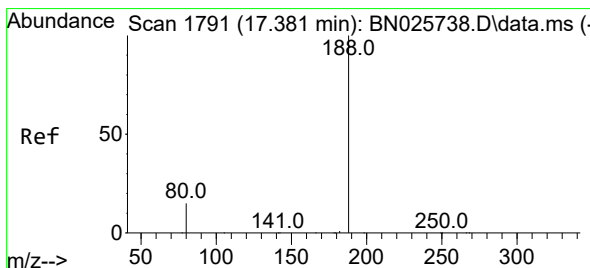
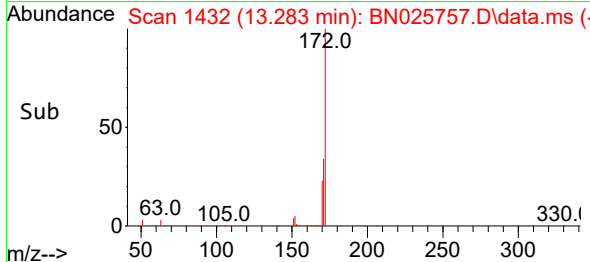
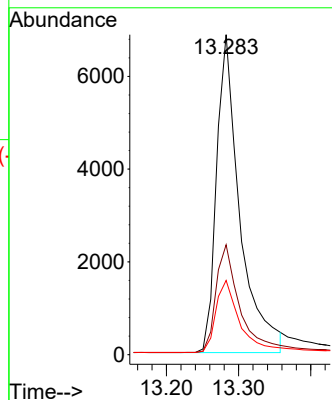
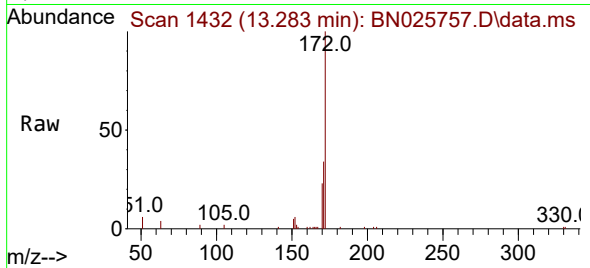




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.283 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

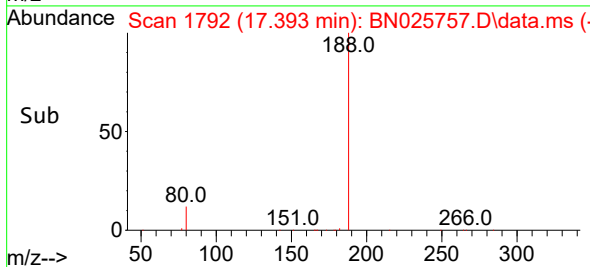
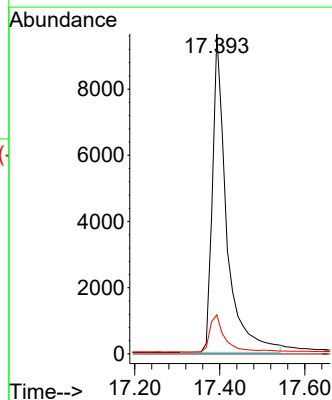
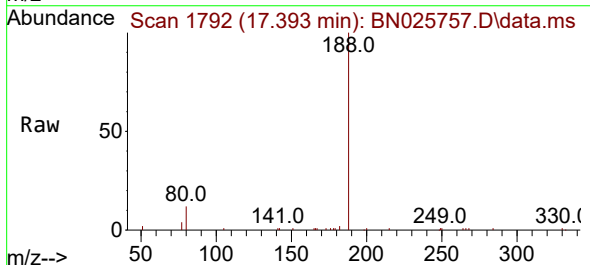
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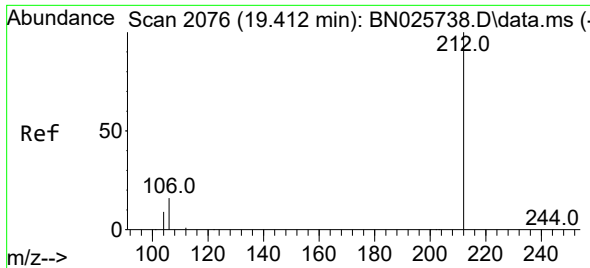
Tgt Ion:	172	Resp:	15317
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.3	40.9
170	23.2	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.012 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

Tgt Ion:	188	Resp:	22239
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.2	12.1	18.1

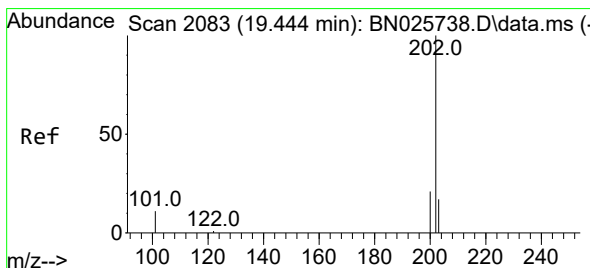
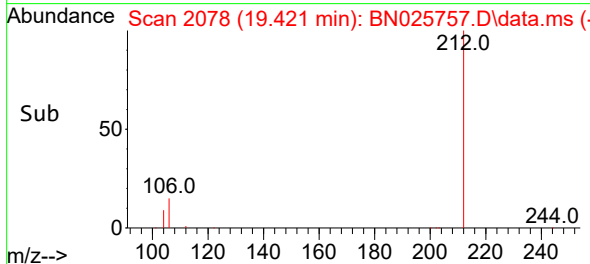
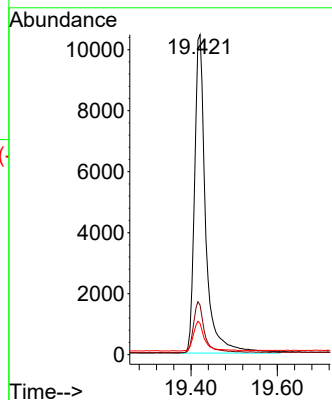
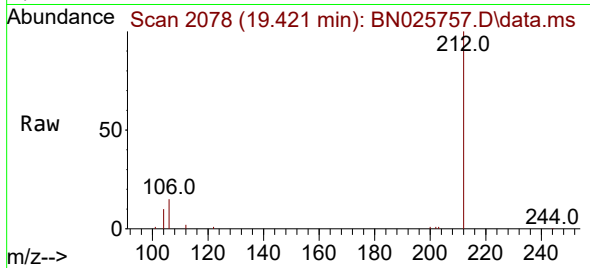




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.421 min Scan# 2076
Delta R.T. 0.009 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

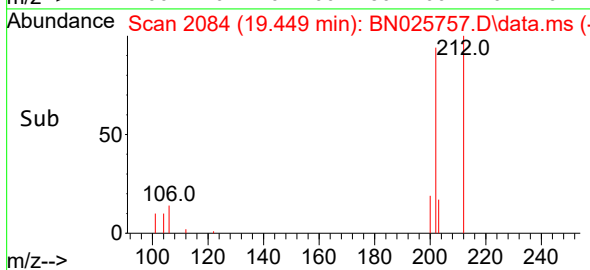
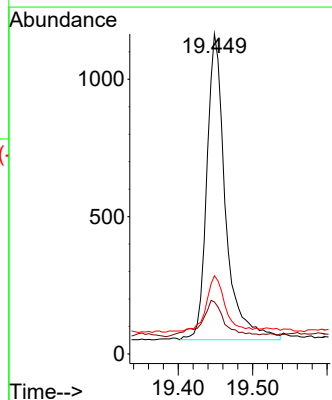
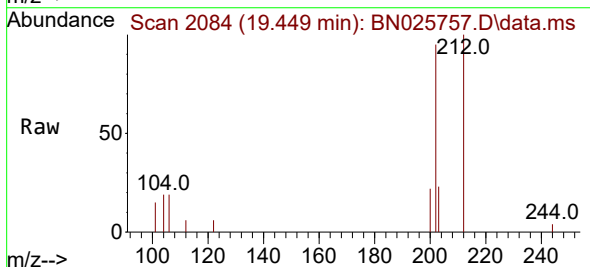
Instrument :
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SP-201-20230601

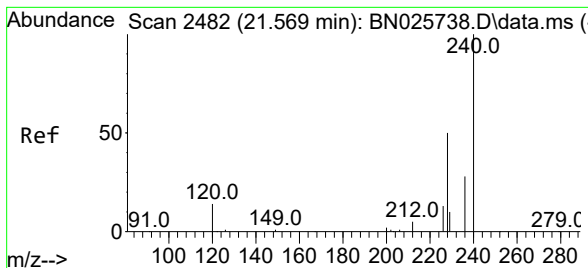
Tgt Ion:212 Resp: 18623
Ion Ratio Lower Upper
212 100
106 15.8 13.0 19.6
104 9.4 7.7 11.5



#28
Fluoranthene
Concen: 0.029 ng
RT: 19.449 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

Tgt Ion:202 Resp: 1935
Ion Ratio Lower Upper
202 100
101 14.9 9.8 14.8#
203 19.7 13.4 20.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. 0.009 min

Lab File: BN025757.D

Acq: 06 Jun 2023 16:48

Instrument :

BNA_N

ClientSampleId :

SP-201-20230601

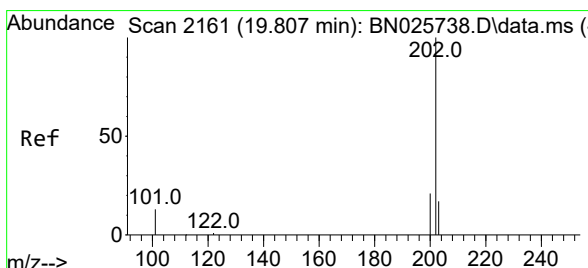
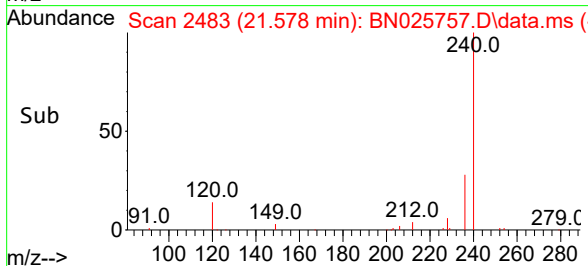
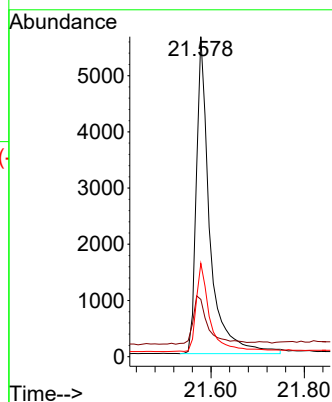
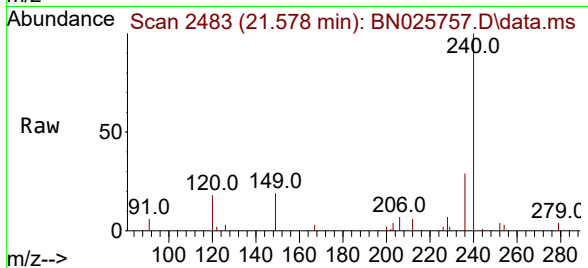
Tgt Ion:240 Resp: 11325

Ion Ratio Lower Upper

240 100

120 17.9 13.2 19.8

236 29.1 23.1 34.7



#30

Pyrene

Concen: 0.029 ng

RT: 19.816 min Scan# 2163

Delta R.T. 0.009 min

Lab File: BN025757.D

Acq: 06 Jun 2023 16:48

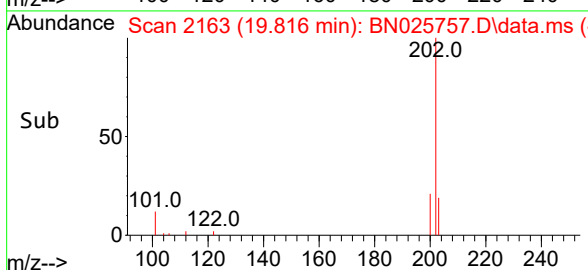
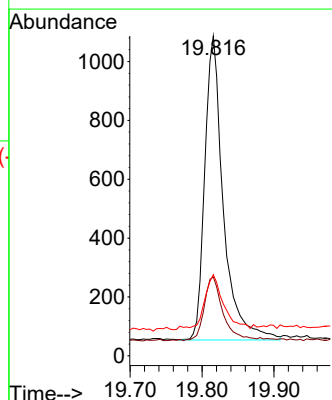
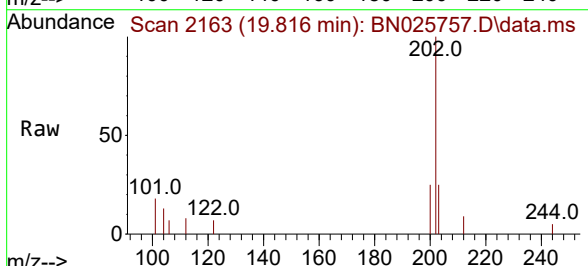
Tgt Ion:202 Resp: 1850

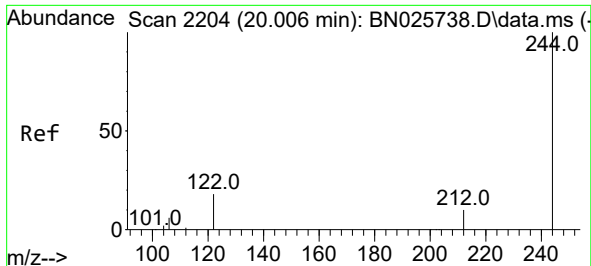
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.9 14.2 21.2

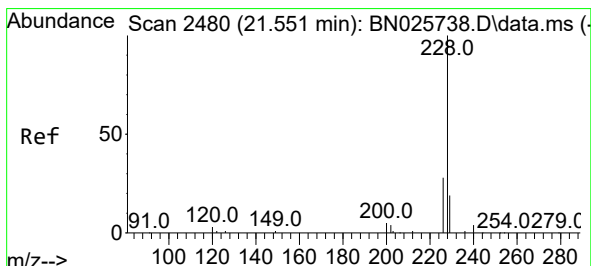
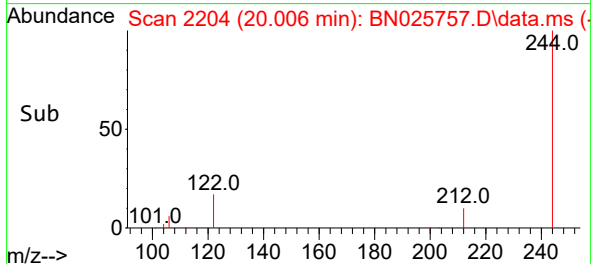
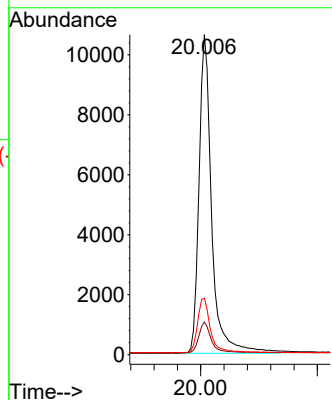
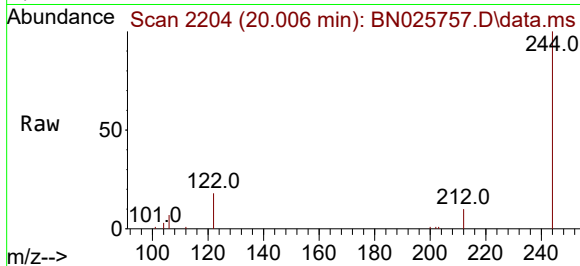




#31
 Terphenyl-d14
 Concen: 0.581 ng
 RT: 20.006 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN025757.D
 Acq: 06 Jun 2023 16:48

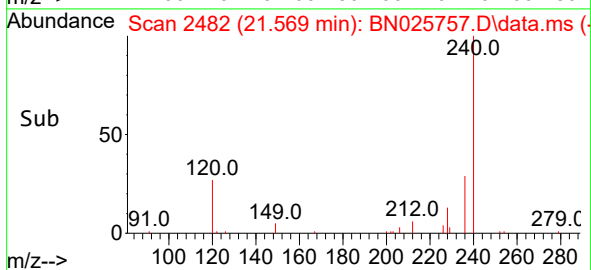
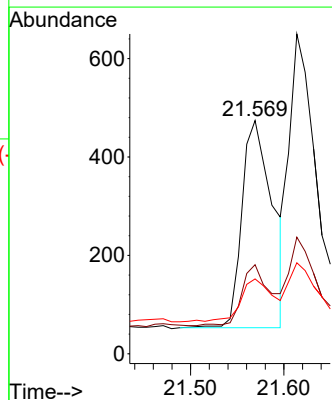
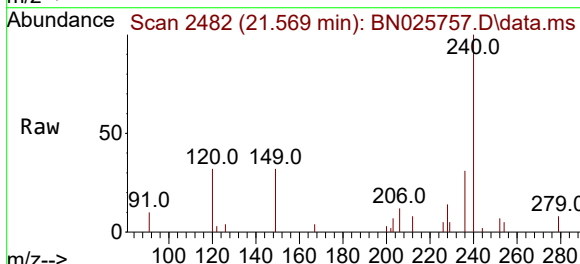
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230601

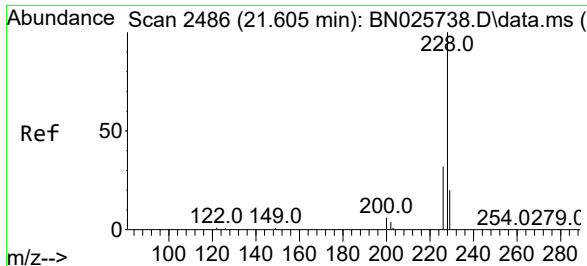
Tgt Ion:244 Resp: 15971
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.6 12.8
 122 17.7 15.2 22.8



#32
 Benzo(a)anthracene
 Concen: 0.022 ng
 RT: 21.569 min Scan# 2482
 Delta R.T. 0.018 min
 Lab File: BN025757.D
 Acq: 06 Jun 2023 16:48

Tgt Ion:228 Resp: 956
 Ion Ratio Lower Upper
 228 100
 226 38.2 22.9 34.3#
 229 32.1 15.6 23.4#





#33

Chrysene

Concen: 0.026 ng

RT: 21.614 min Scan# 2486

Delta R.T. 0.009 min

Lab File: BN025757.D

Acq: 06 Jun 2023 16:48

Instrument :

BNA_N

ClientSampleId :

SP-201-20230601

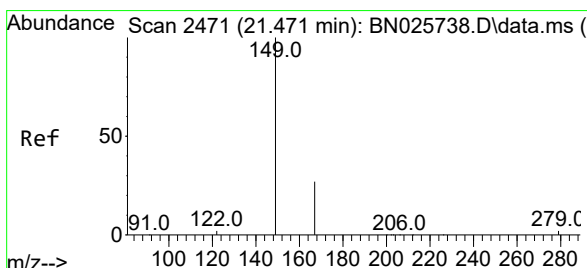
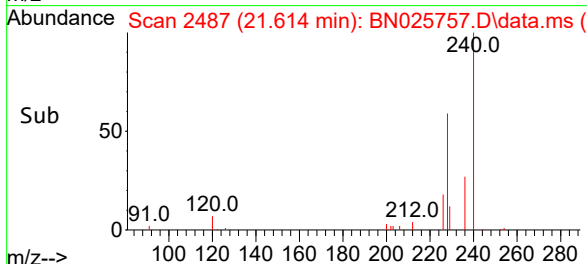
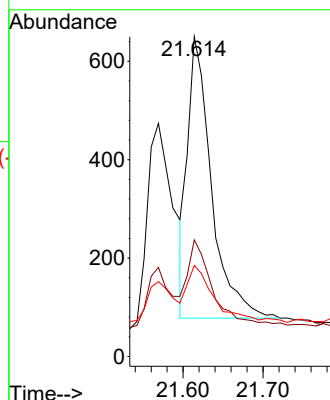
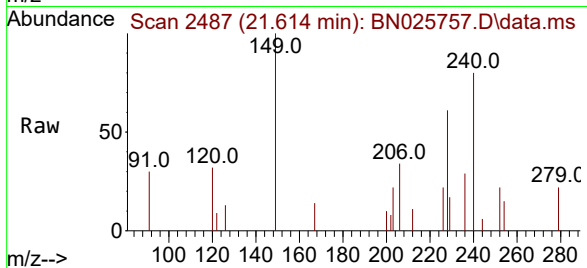
Tgt Ion:228 Resp: 1183

Ion Ratio Lower Upper

228 100

226 36.5 25.4 38.2

229 28.5 16.1 24.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.471 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BN025757.D

Acq: 06 Jun 2023 16:48

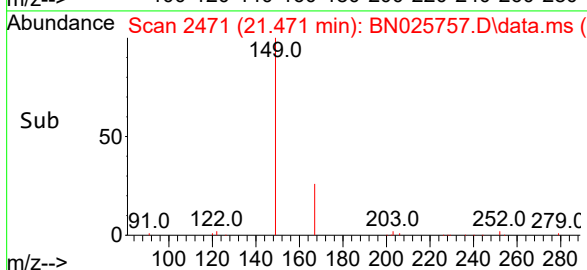
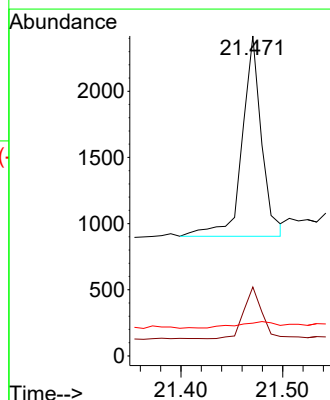
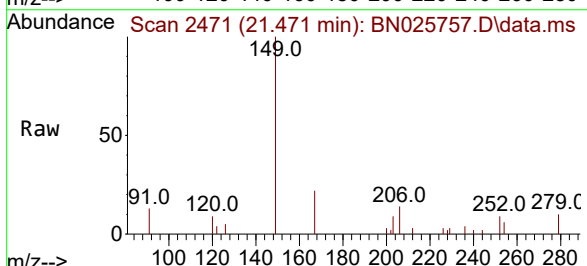
Tgt Ion:149 Resp: 2005

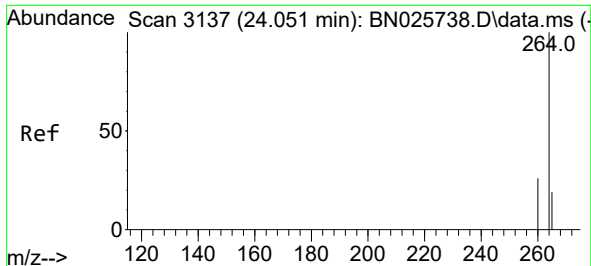
Ion Ratio Lower Upper

149 100

167 24.8 21.0 31.6

279 6.7 2.2 3.4#

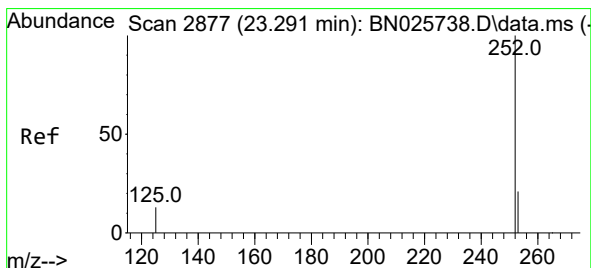
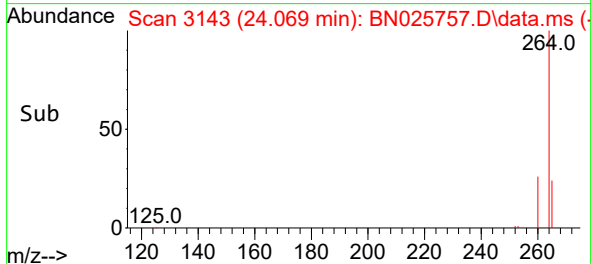
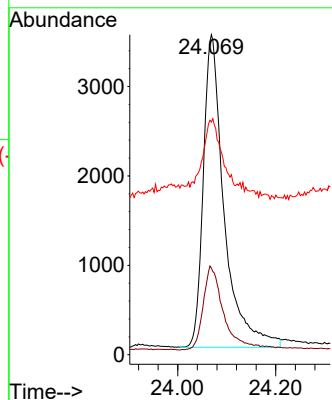
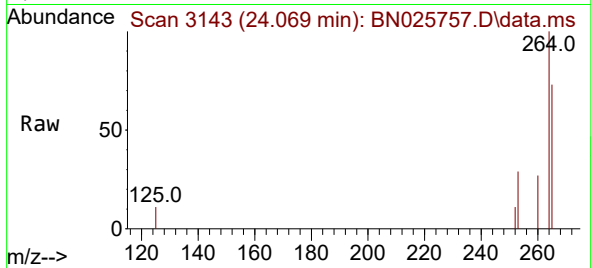




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.069 min Scan# 3137
Delta R.T. 0.009 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

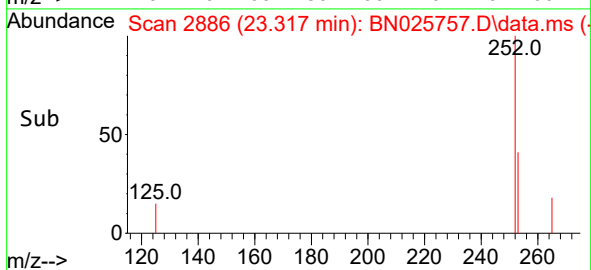
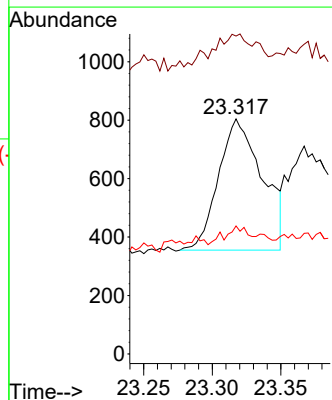
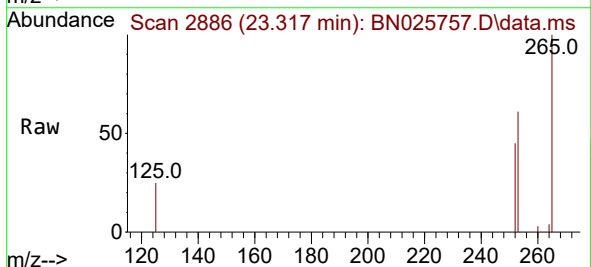
Instrument :
BNA_N
ClientSampleId :
SP-201-20230601

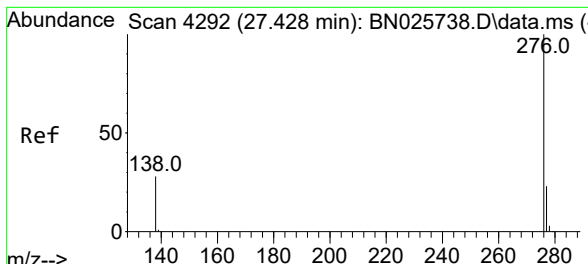
Tgt Ion:264 Resp: 10317
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.2
265 72.7 44.7 67.1#



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.317 min Scan# 2886
Delta R.T. 0.020 min
Lab File: BN025757.D
Acq: 06 Jun 2023 16:48

Tgt Ion:252 Resp: 999
Ion Ratio Lower Upper
252 100
253 135.3 23.4 35.0#
125 54.5 12.3 18.5#





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 27.507 min Scan# 41

Delta R.T. 0.044 min

Lab File: BN025757.D

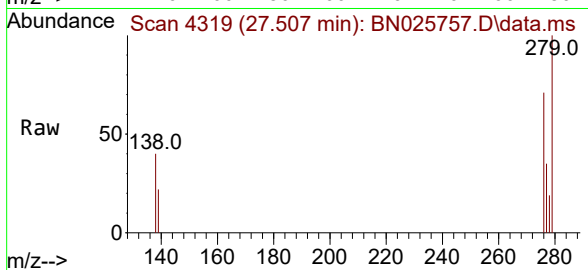
Acq: 06 Jun 2023 16:48

Instrument :

BNA_N

ClientSampleId :

SP-201-20230601



Tgt Ion:276 Resp: 832

Ion Ratio Lower Upper

276 100

277 49.4 20.2 30.2#

138 56.4 24.2 36.4#

