

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030784.D
 Acq On : 09 Apr 2024 00:27
 Operator : MA/JU
 Sample : P2008-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240404

Quant Time: Apr 16 13:38:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 11 12:30:40 2024
 Response via : Initial Calibration

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

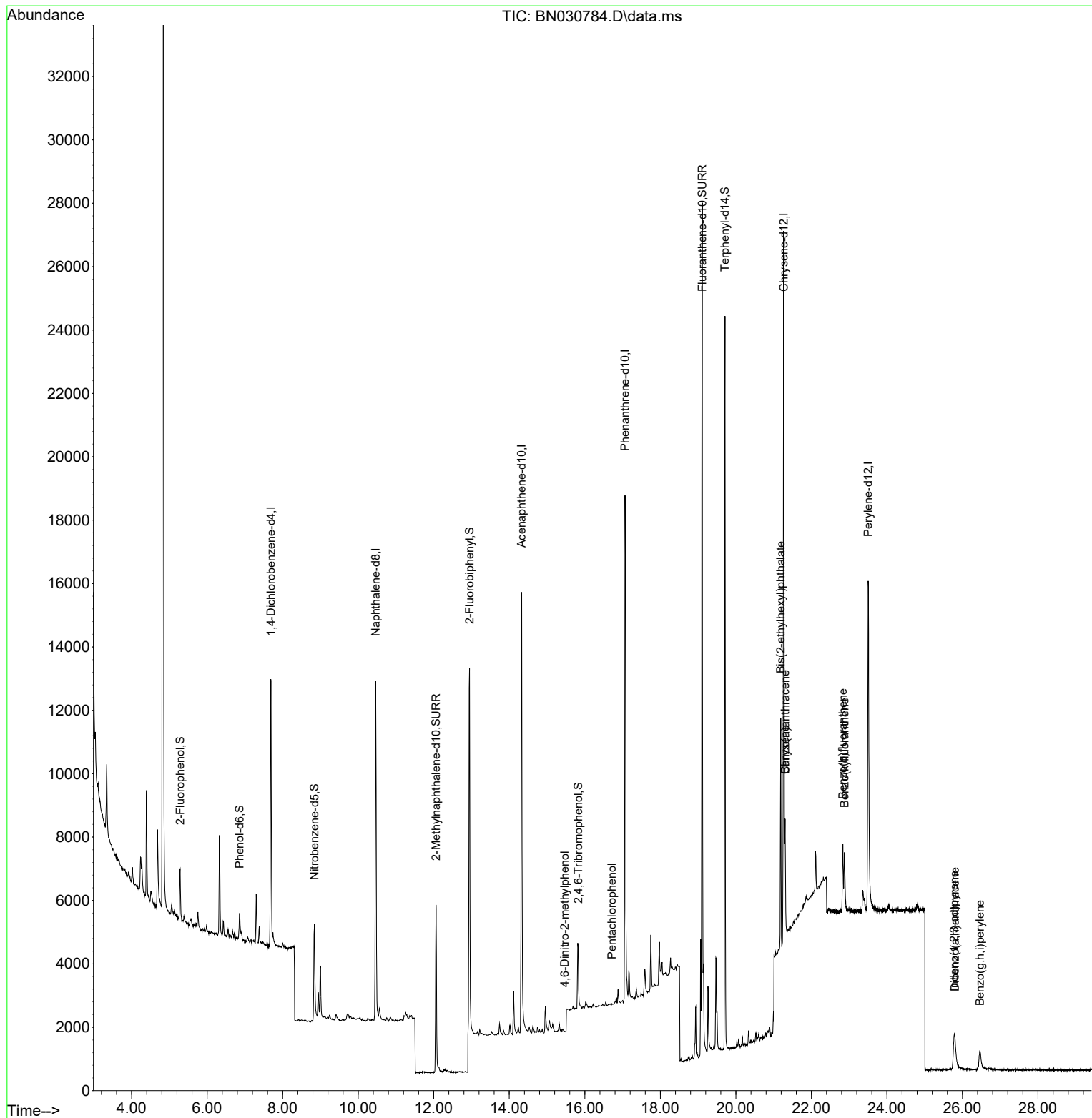
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	4633	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	14639	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	9586	0.400	ng	-0.01
19) Phenanthrene-d10	17.065	188	23842	0.400	ng	#-0.02
29) Chrysene-d12	21.267	240	21318	0.400	ng	-0.02
35) Perylene-d12	23.504	264	16216	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.285	112	1529	0.152	ng	-0.01
5) Phenol-d6	6.859	99	988	0.076	ng	-0.01
8) Nitrobenzene-d5	8.841	82	2926	0.284	ng	-0.01
11) 2-Methylnaphthalene-d10	12.058	152	7898	0.353	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1335	0.369	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	10967	0.296	ng	-0.02
27) Fluoranthene-d10	19.108	212	29350	0.457	ng	-0.02
31) Terphenyl-d14	19.711	244	21678	0.440	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.471	198	5	0.173	ng	# 1
24) Pentachlorophenol	16.718	266	28	0.176	ng	# 69
32) Benzo(a)anthracene	21.303	228	2377	0.031	ng	91
33) Chrysene	21.303	228	2872	0.035	ng	95
34) Bis(2-ethylhexyl)phtha...	21.187	149	6280	0.192	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.779	276	2049	0.029	ng	# 85
37) Benzo(b)fluoranthene	22.832	252	2662	0.040	ng	# 28
38) Benzo(k)fluoranthene	22.875	252	2675	0.040	ng	# 26
40) Dibenzo(a,h)anthracene	25.796	278	1395	0.025	ng	# 30
41) Benzo(g,h,i)perylene	26.460	276	1628	0.027	ng	# 63

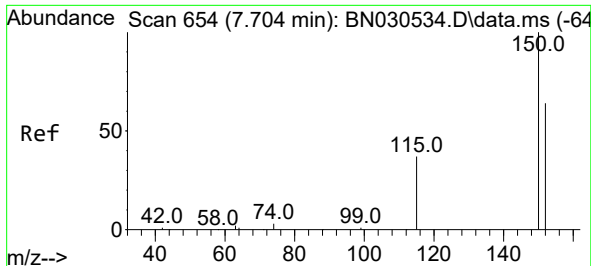
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030784.D
Acq On : 09 Apr 2024 00:27
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Instrument :
BNA_N
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SP-201-20240404

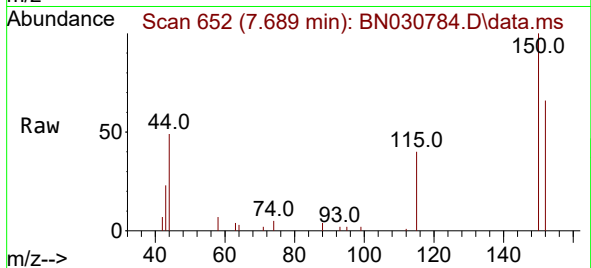
Quant Time: Apr 16 13:38:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
Response via : Initial Calibration



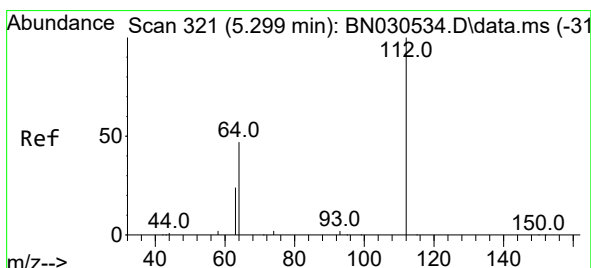
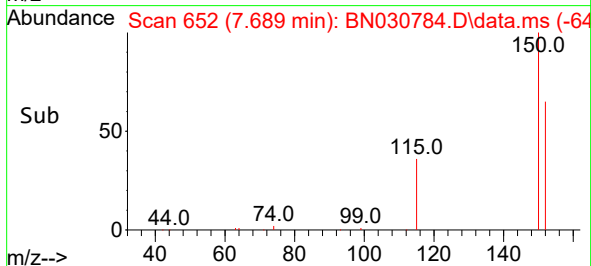
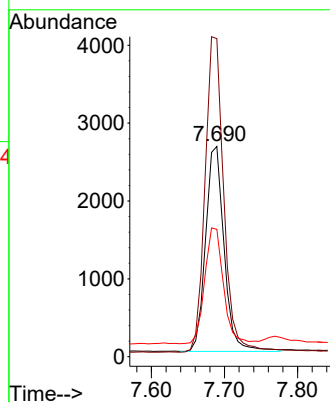


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Instrument :
BNA_N
ClientSampleId :
SP-201-20240404

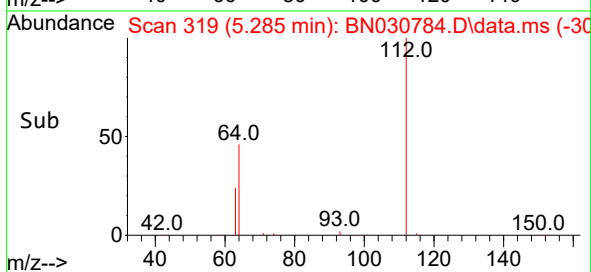
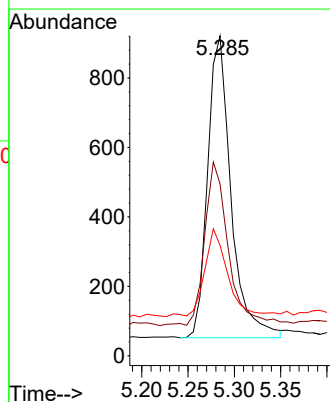
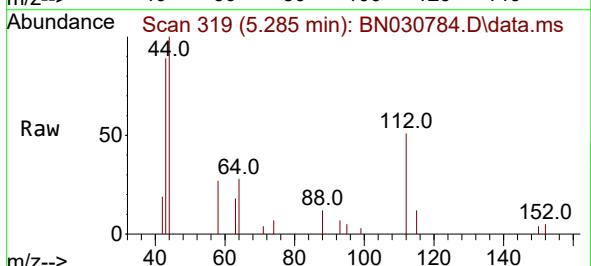


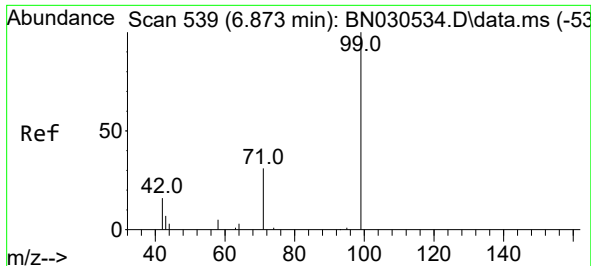
Tgt Ion:152 Resp: 4633
Ion Ratio Lower Upper
152 100
150 151.3 124.2 186.4
115 60.5 48.6 72.8



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.285 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

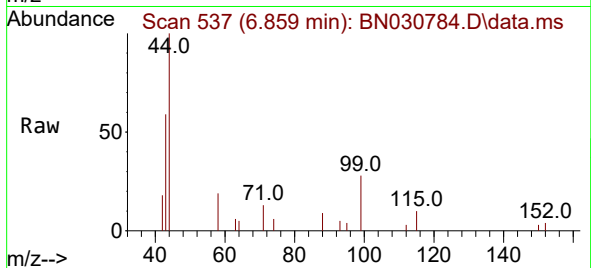
Tgt Ion:112 Resp: 1529
Ion Ratio Lower Upper
112 100
64 55.0 43.2 64.8
63 28.6 22.5 33.7



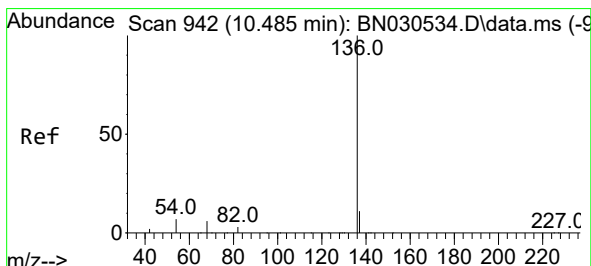
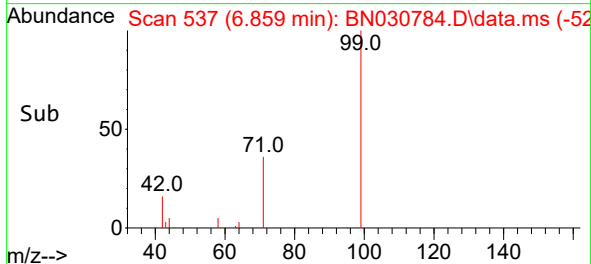
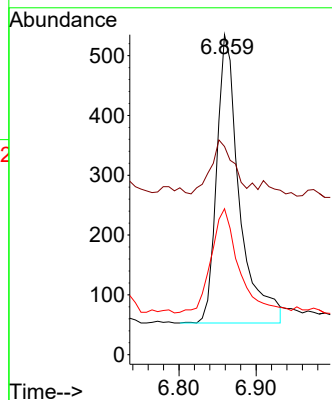


#5
Phenol-d6
Concen: 0.076 ng
RT: 6.859 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Instrument :
BNA_N
ClientSampleId :
SP-201-20240404

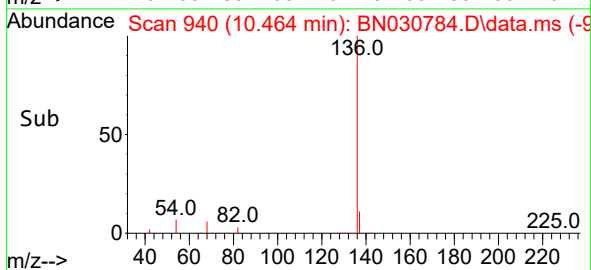
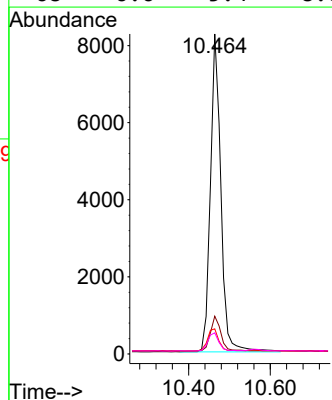
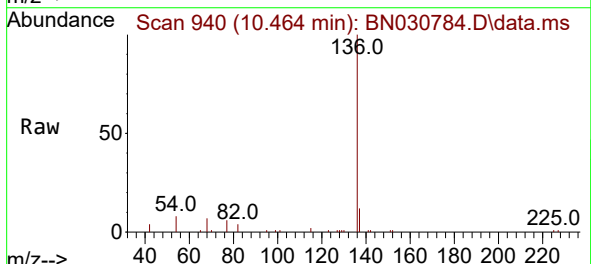


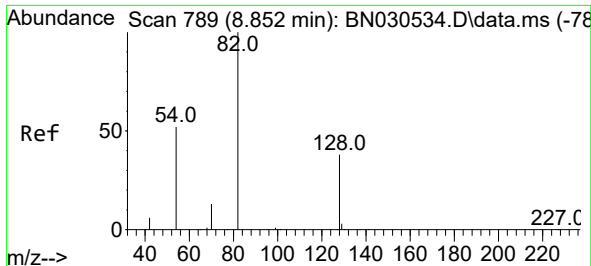
Tgt Ion: 99 Resp: 988
Ion Ratio Lower Upper
99 100
42 18.1 15.8 23.6
71 43.4 25.9 38.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 940
Delta R.T. -0.021 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion: 136 Resp: 14639
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 7.9 6.4 9.6
68 6.6 5.4 8.0

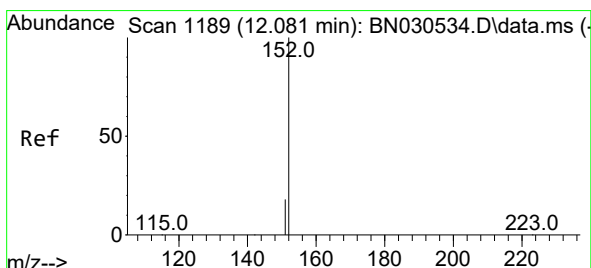
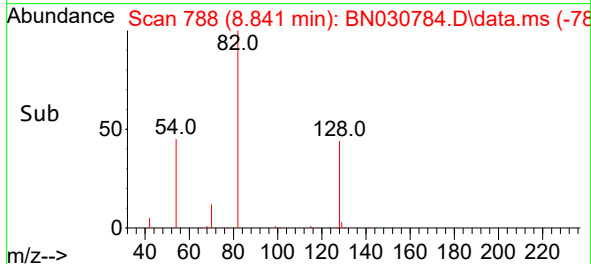
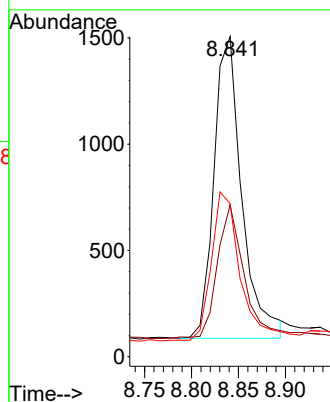
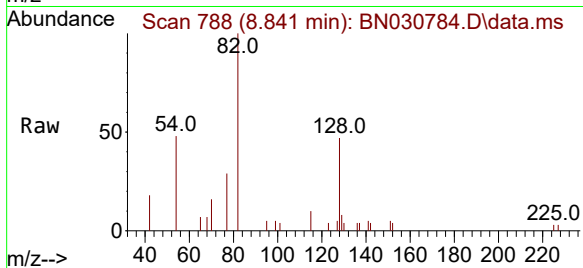




#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.841 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

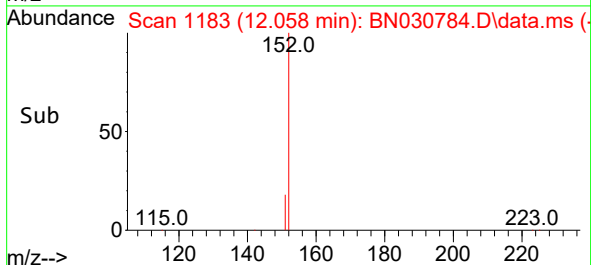
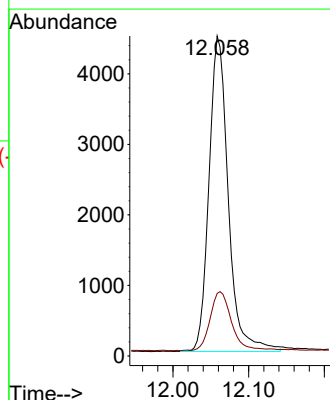
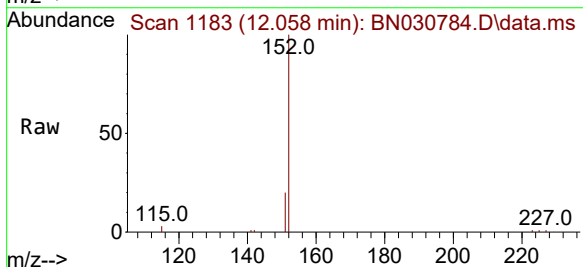
Instrument :
BNA_N
ClientSampleId :
SP-201-20240404

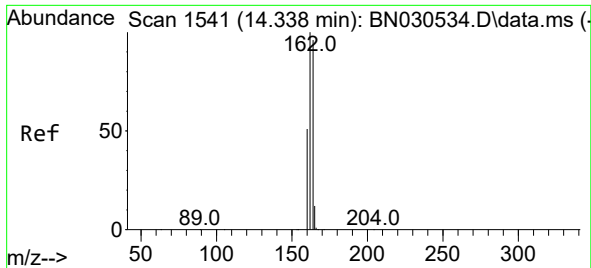
Tgt Ion: 82 Resp: 2926
Ion Ratio Lower Upper
82 100
128 47.5 32.3 48.5
54 47.8 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.058 min Scan# 1183
Delta R.T. -0.023 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion: 152 Resp: 7898
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

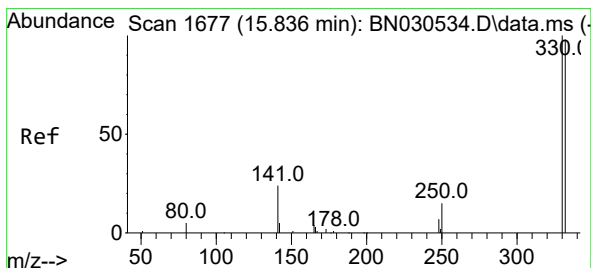
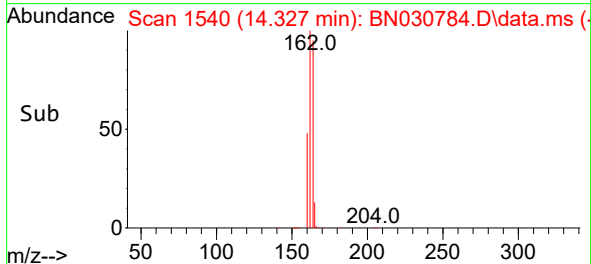
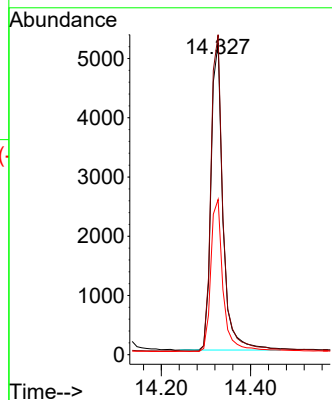
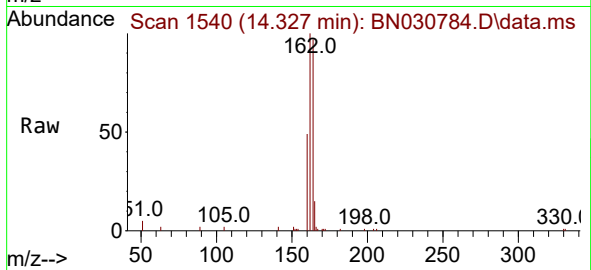




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

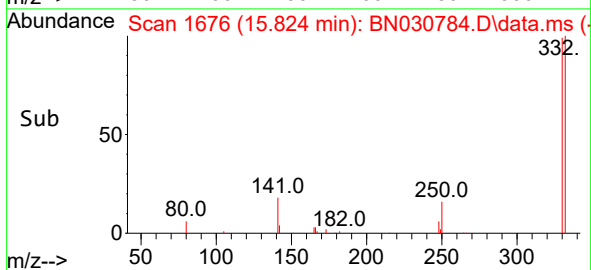
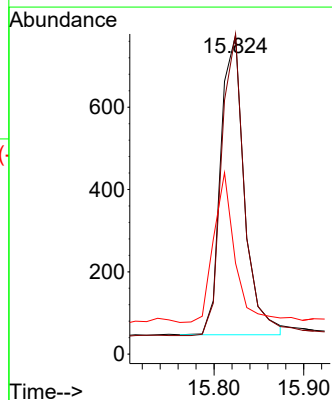
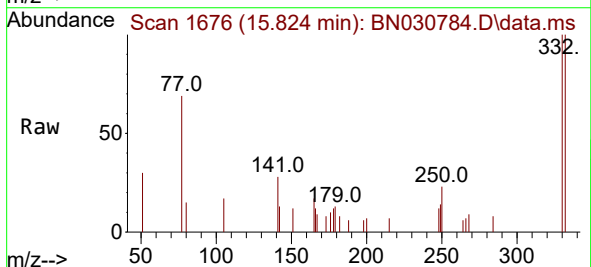
Instrument :
BNA_N
ClientSampleId :
SP-201-20240404

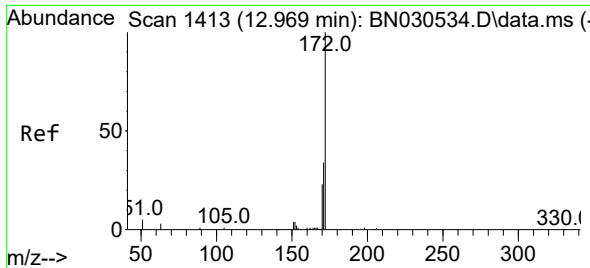
Tgt Ion:164 Resp: 9586
Ion Ratio Lower Upper
164 100
162 102.6 83.5 125.3
160 49.8 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion:330 Resp: 1335
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 45.2 35.9 53.9

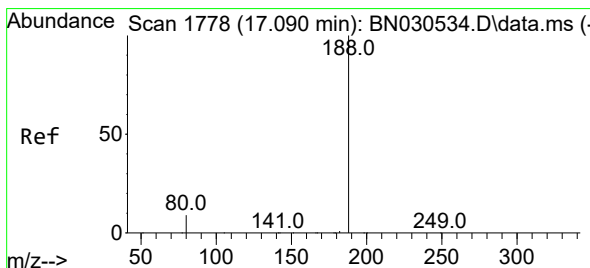
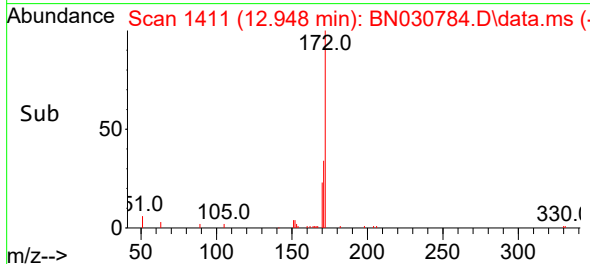
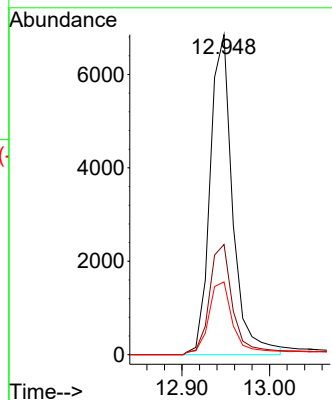
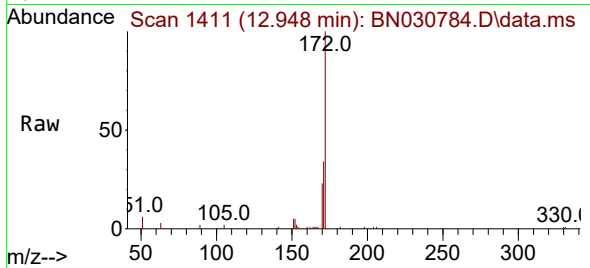




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

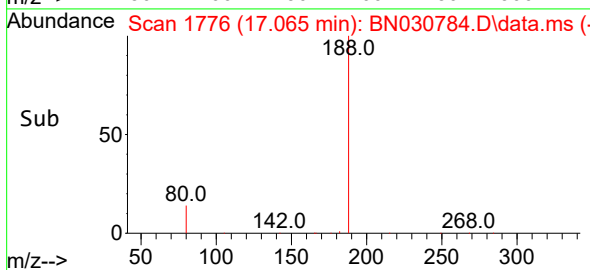
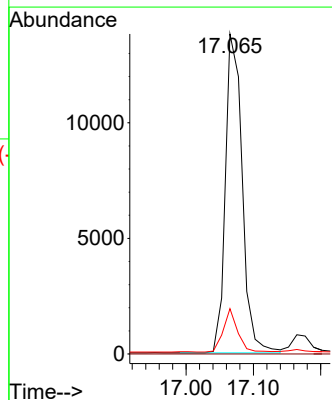
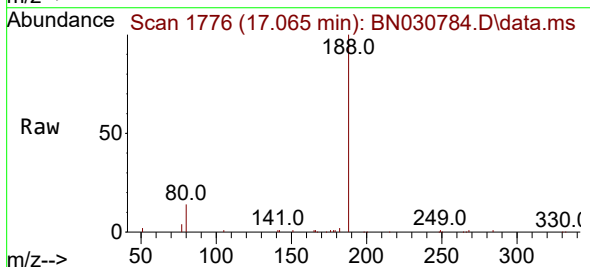
Instrument :
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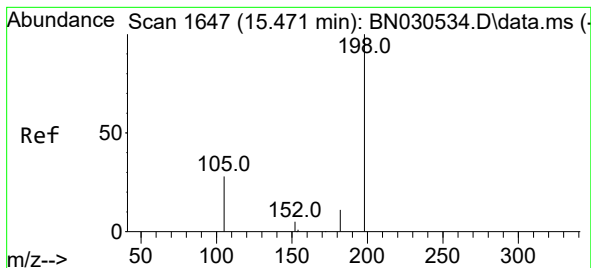
Tgt Ion:172	Resp:	10967
Ion Ratio	Lower	Upper
172	100	
171	34.4	27.1 40.7
170	22.7	18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.065 min Scan# 1776
Delta R.T. -0.025 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion:188	Resp:	23842
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	14.1	7.4 11.0

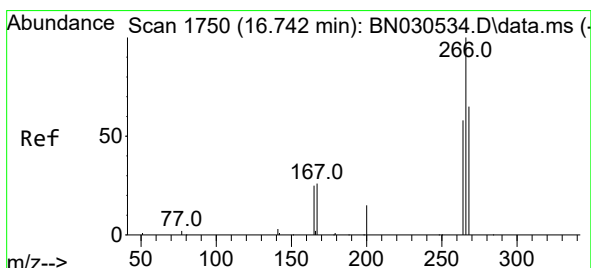
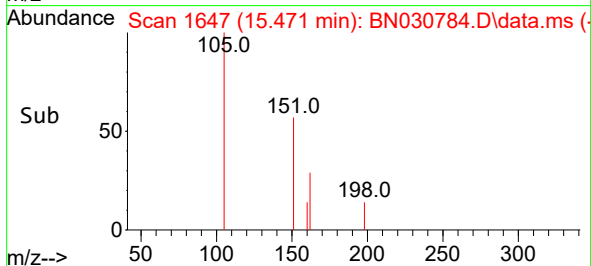
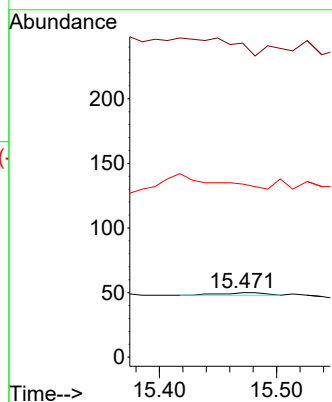
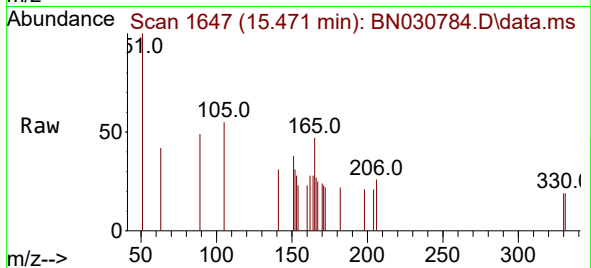




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

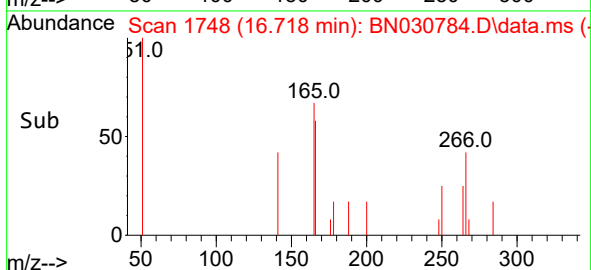
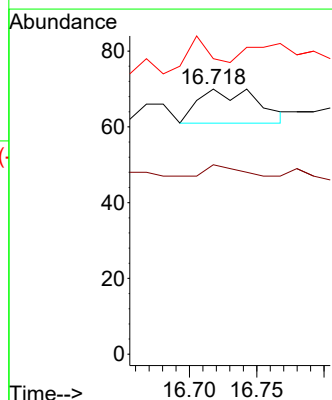
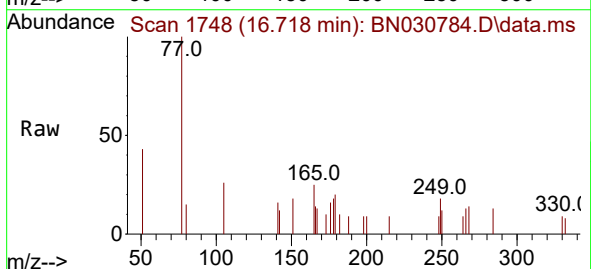
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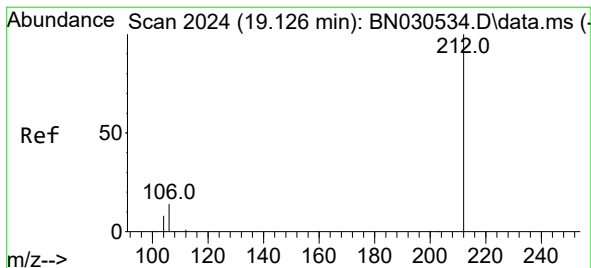
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 486.0 57.8 86.6#
105 268.0 37.5 56.3#



#24
Pentachlorophenol
Concen: 0.176 ng
RT: 16.718 min Scan# 1748
Delta R.T. -0.024 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 14.3 48.7 73.1#
268 60.7 49.5 74.3





#27

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.108 min Scan# 20

Delta R.T. -0.018 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

Instrument :

BNA_N

ClientSampleId :

SP-201-20240404

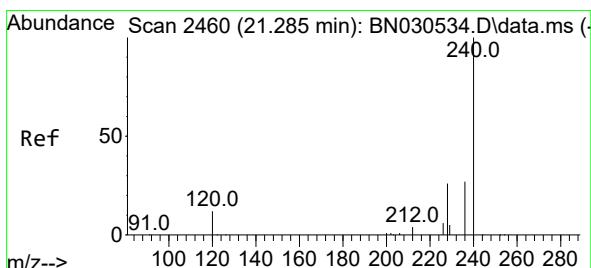
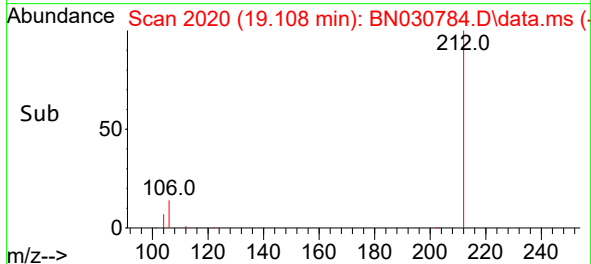
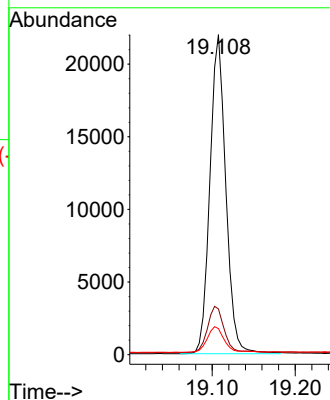
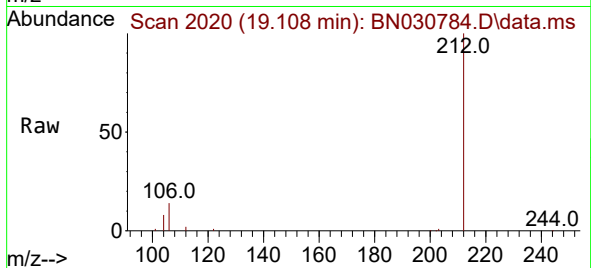
Tgt Ion:212 Resp: 29350

Ion Ratio Lower Upper

212 100

106 15.3 11.8 17.6

104 8.8 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.267 min Scan# 2458

Delta R.T. -0.018 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

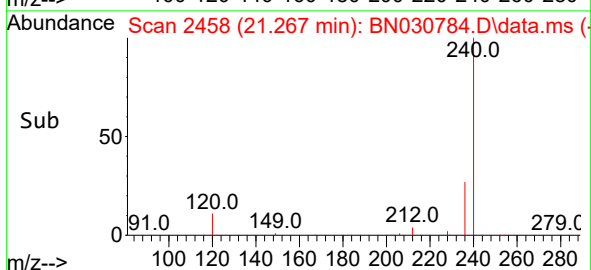
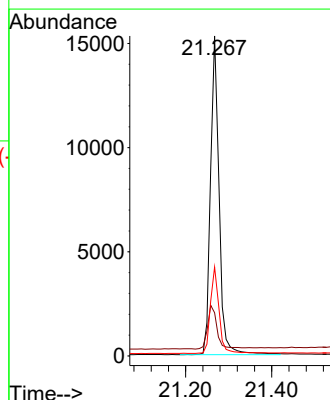
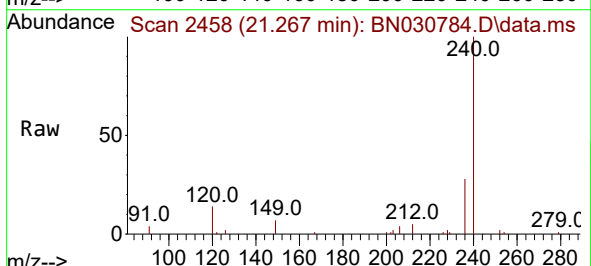
Tgt Ion:240 Resp: 21318

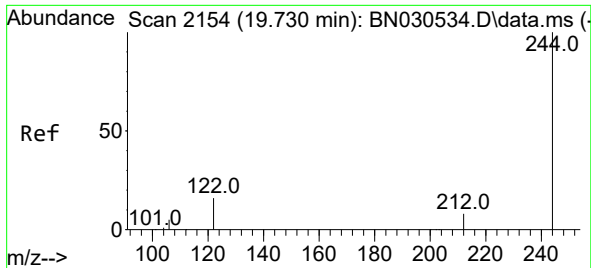
Ion Ratio Lower Upper

240 100

120 13.5 10.6 15.8

236 27.8 22.1 33.1

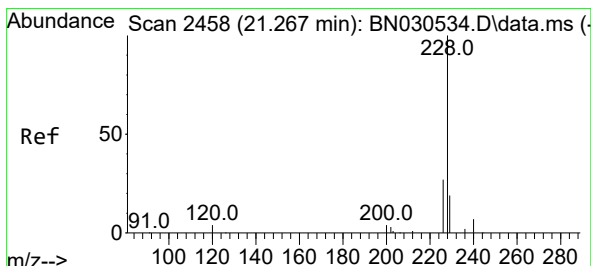
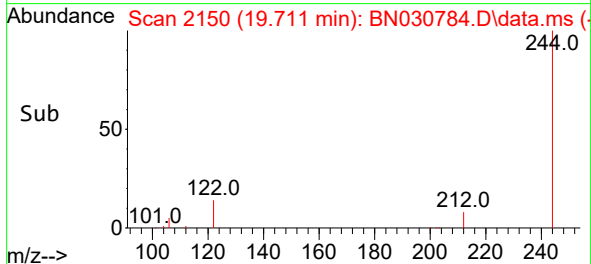
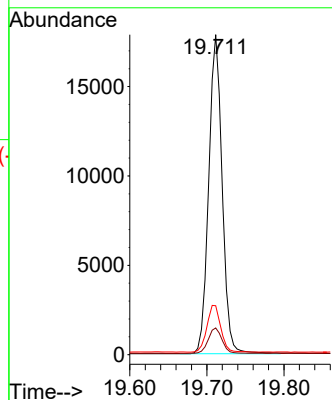
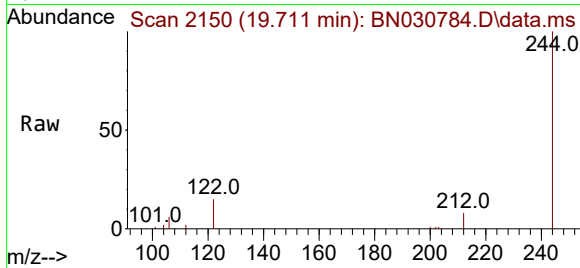




#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.711 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

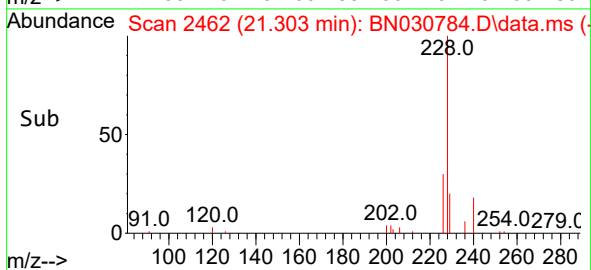
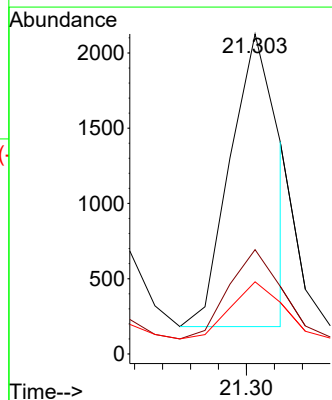
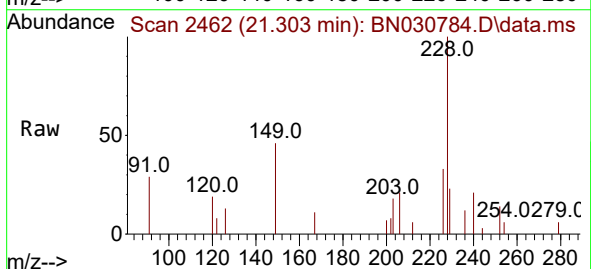
Instrument :
BNA_N
ClientSampleId :
SP-201-20240404

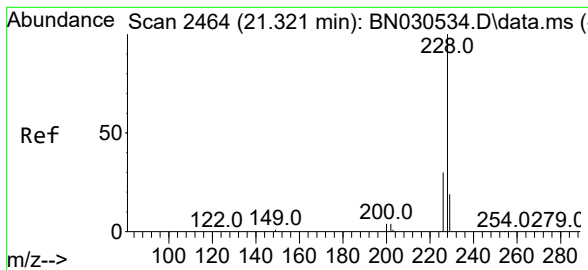
Tgt Ion:244 Resp: 21678
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 15.3 12.7 19.1



#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.303 min Scan# 2462
Delta R.T. 0.036 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion:228 Resp: 2377
Ion Ratio Lower Upper
228 100
226 32.6 21.8 32.8
229 22.5 15.4 23.2





#33

Chrysene

Concen: 0.035 ng

RT: 21.303 min Scan# 2462

Delta R.T. -0.018 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

Instrument :

BNA_N

ClientSampleId :

SP-201-20240404

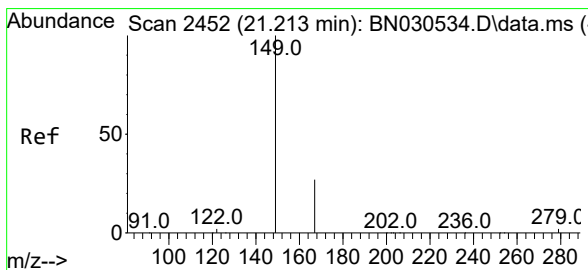
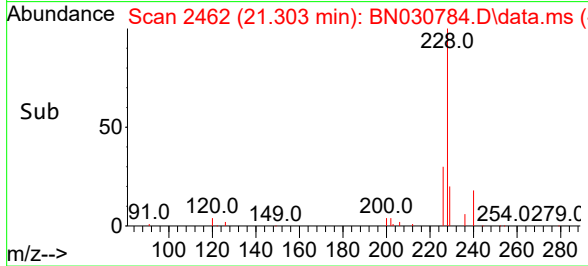
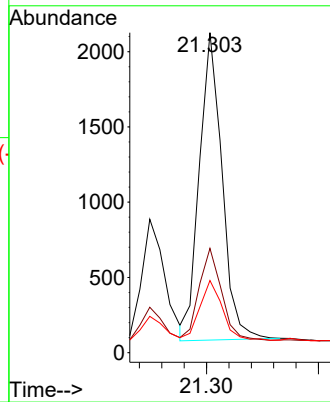
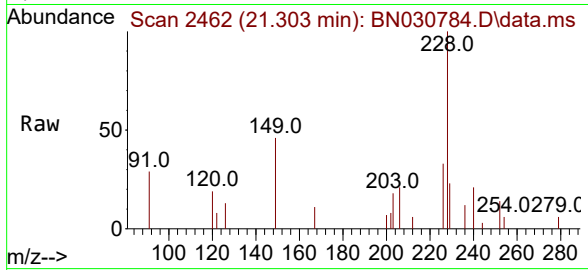
Tgt Ion:228 Resp: 2872

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

229 22.5 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.192 ng

RT: 21.187 min Scan# 2449

Delta R.T. -0.027 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

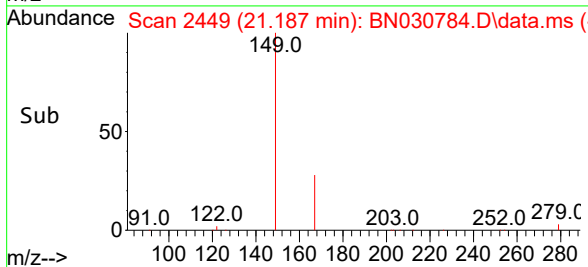
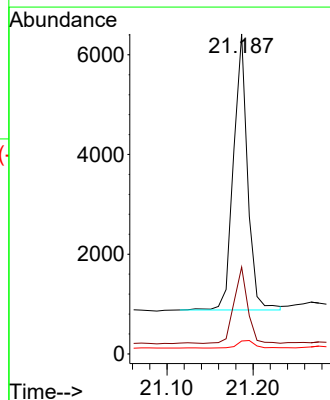
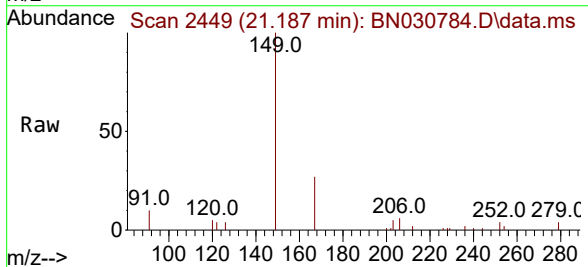
Tgt Ion:149 Resp: 6280

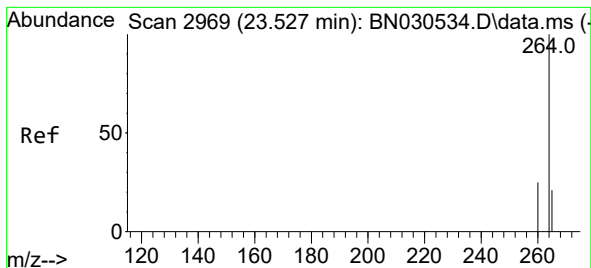
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.5 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.504 min Scan# 2961

Delta R.T. -0.023 min

Lab File: BN030784.D

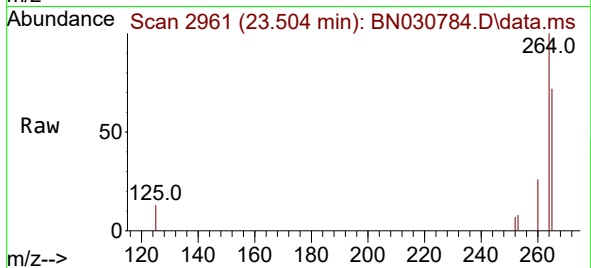
Acq: 09 Apr 2024 00:27

Instrument :

BNA_N

ClientSampleId :

SP-201-20240404



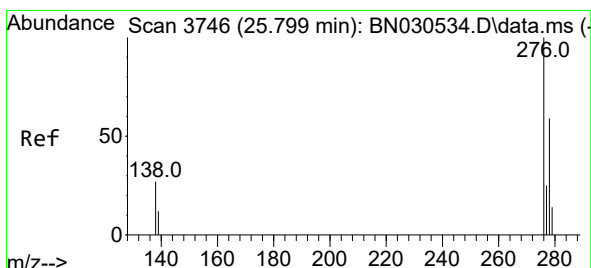
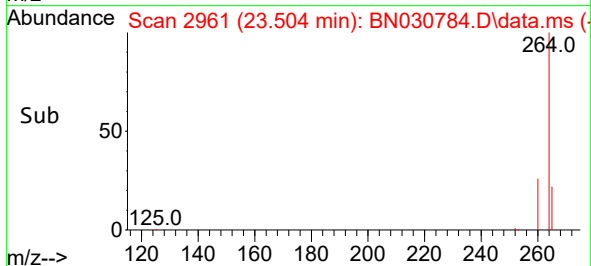
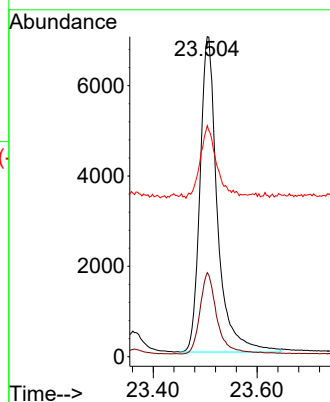
Tgt Ion:264 Resp: 16216

Ion Ratio Lower Upper

264 100

260 26.2 20.6 30.8

265 72.2 41.8 62.8#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng

RT: 25.779 min Scan# 3739

Delta R.T. -0.020 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

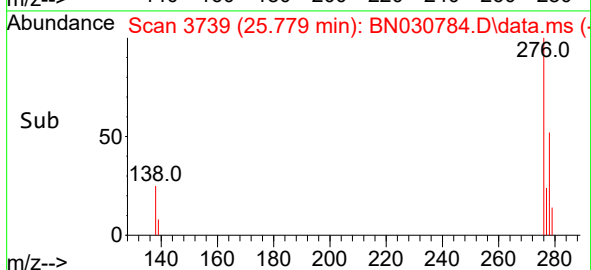
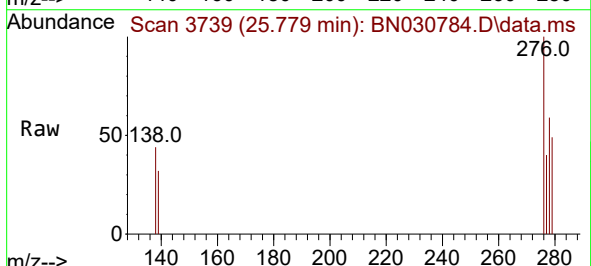
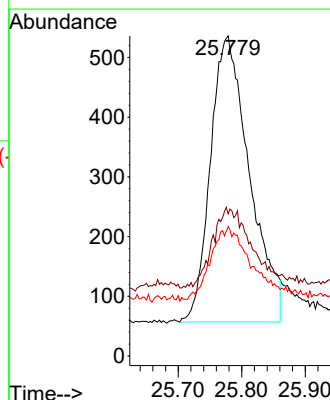
Tgt Ion:276 Resp: 2049

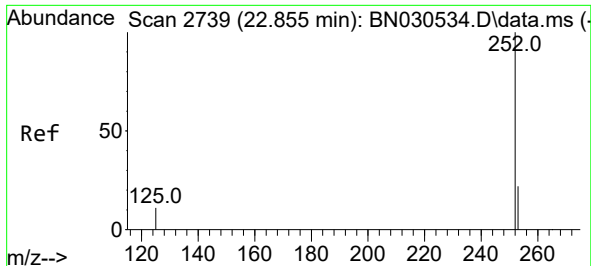
Ion Ratio Lower Upper

276 100

138 27.9 23.0 34.4

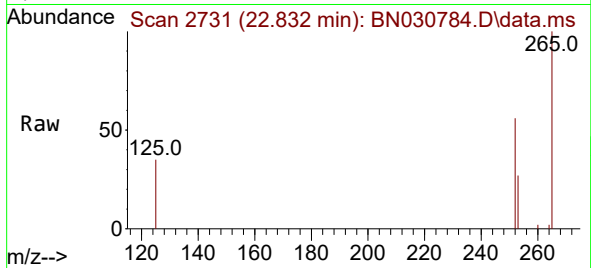
277 9.4 20.1 30.1#



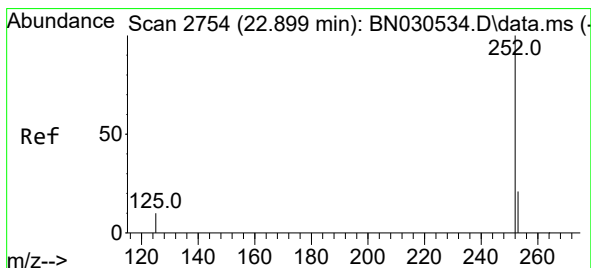
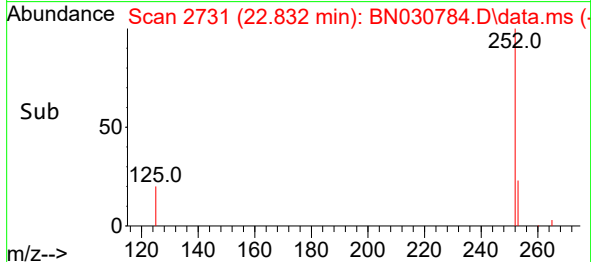
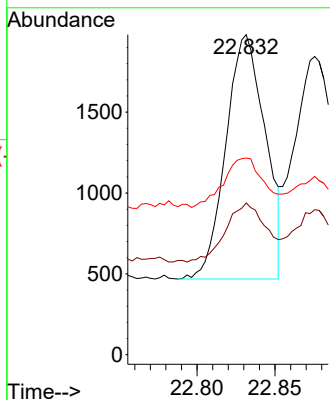


#37
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 22.832 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Instrument :
BNA_N
ClientSampleId :
SP-201-20240404

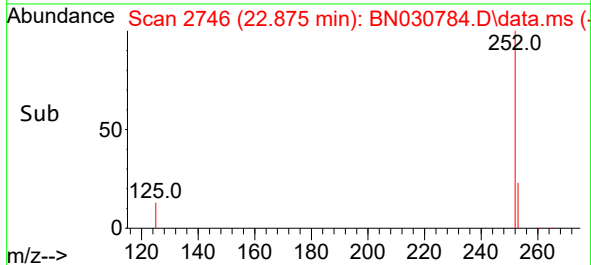
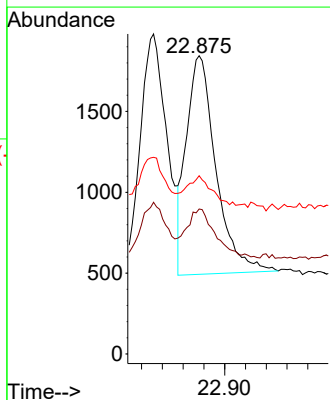
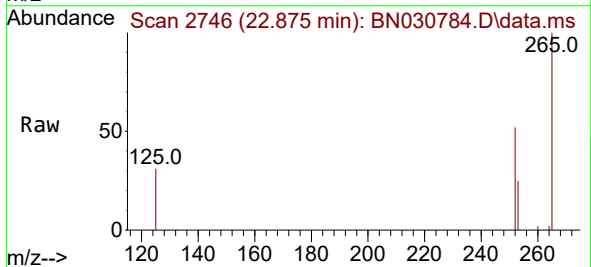


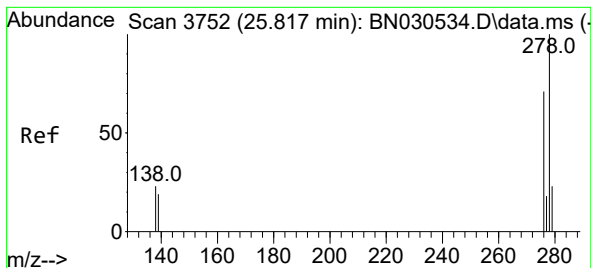
Tgt Ion:252 Resp: 2662
Ion Ratio Lower Upper
252 100
253 47.4 19.2 28.8#
125 61.4 11.7 17.5#



#38
Benzo(k)fluoranthene
Concen: 0.040 ng
RT: 22.875 min Scan# 2746
Delta R.T. -0.023 min
Lab File: BN030784.D
Acq: 09 Apr 2024 00:27

Tgt Ion:252 Resp: 2675
Ion Ratio Lower Upper
252 100
253 48.6 18.9 28.3#
125 59.8 11.5 17.3#





#40

Dibenzo(a,h)anthracene

Concen: 0.025 ng

RT: 25.796 min Scan# 31

Delta R.T. -0.020 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

Instrument :

BNA_N

ClientSampleId :

SP-201-20240404

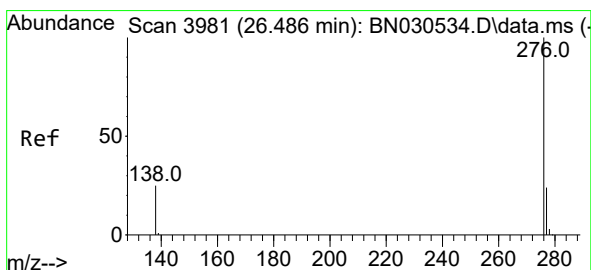
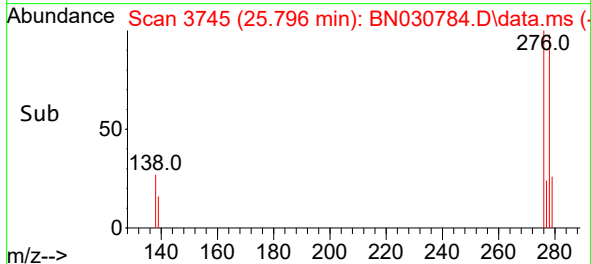
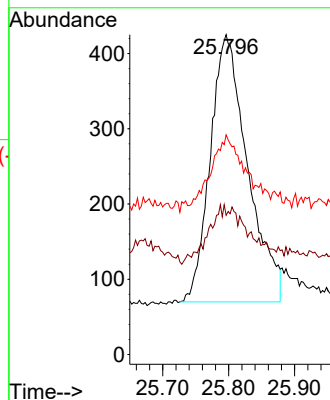
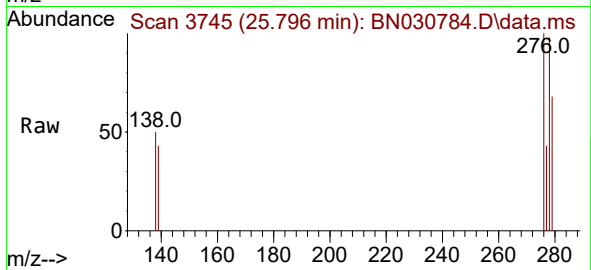
Tgt Ion:278 Resp: 1395

Ion Ratio Lower Upper

278 100

139 43.5 16.2 24.2#

279 68.7 20.6 30.8#



#41

Benzo(g,h,i)perylene

Concen: 0.027 ng

RT: 26.460 min Scan# 3972

Delta R.T. -0.026 min

Lab File: BN030784.D

Acq: 09 Apr 2024 00:27

Tgt Ion:276 Resp: 1628

Ion Ratio Lower Upper

276 100

277 39.4 19.8 29.6#

138 48.1 20.6 31.0#

