

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031225.D
 Acq On : 25 Apr 2024 18:19
 Operator : MA/JU
 Sample : PB160394BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160394BL

Quant Time: Apr 25 23:44:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 25 18:00:27 2024
 Response via : Initial Calibration

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

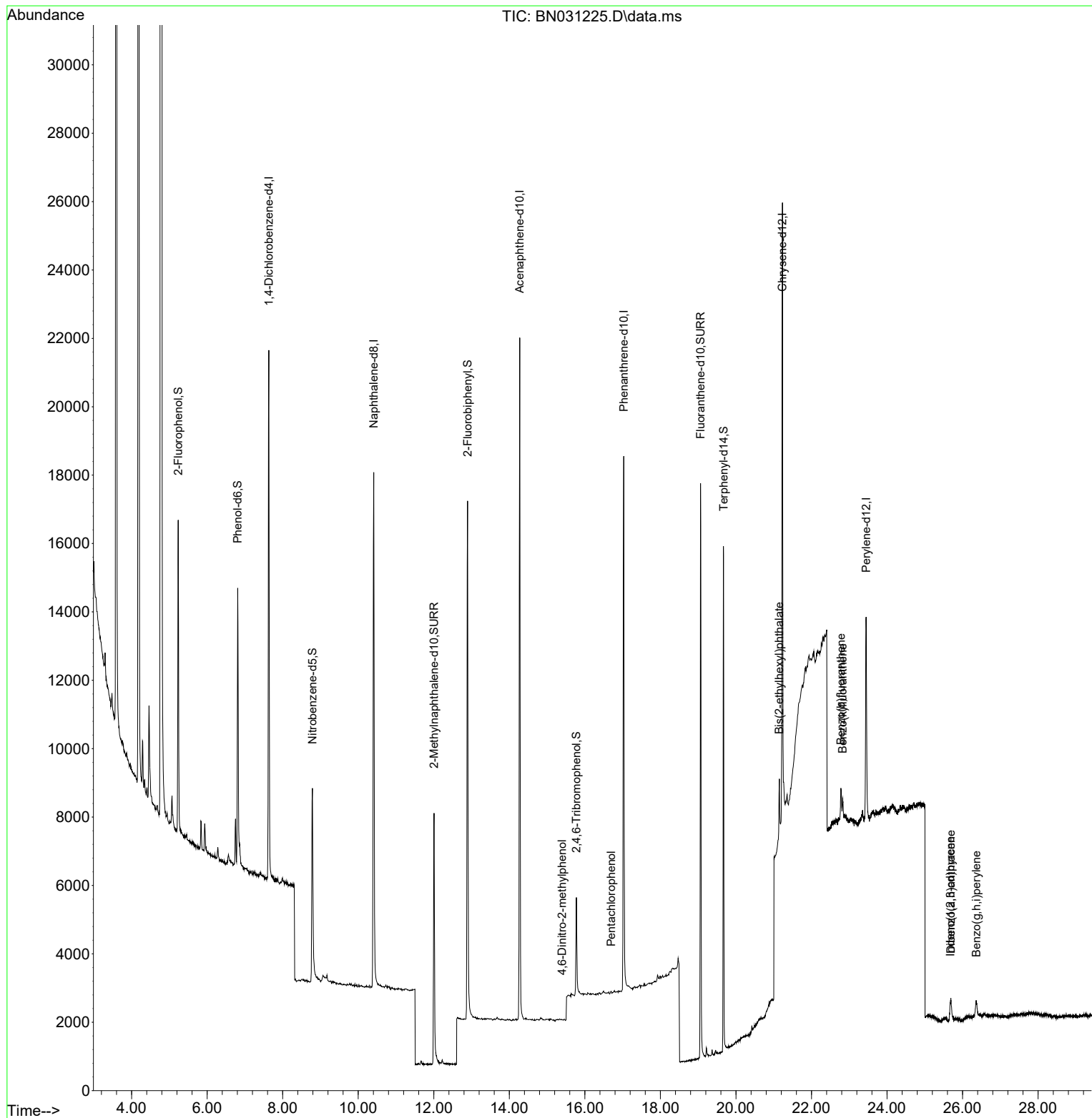
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7727	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	22152	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	11596	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	23507	0.400	ng	0.00
29) Chrysene-d12	21.229	240	16560	0.400	ng	0.00
35) Perylene-d12	23.446	264	7563	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	7479	0.434	ng	0.00
5) Phenol-d6	6.808	99	8679	0.416	ng	0.00
8) Nitrobenzene-d5	8.788	82	5790	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	12.005	152	11213	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1746	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	15545	0.399	ng	0.00
27) Fluoranthene-d10	19.063	212	19341	0.305	ng	0.00
31) Terphenyl-d14	19.672	244	14293	0.372	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.397	198	17	0.107	ng	# 1
24) Pentachlorophenol	16.694	266	33	0.132	ng	# 22
34) Bis(2-ethylhexyl)phtha...	21.148	149	2478	0.094	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.677	276	936	0.027	ng	# 64
37) Benzo(b)fluoranthene	22.780	252	1213	0.039	ng	# 1
38) Benzo(k)fluoranthene	22.823	252	692	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	25.689	278	627	0.022	ng	# 1
41) Benzo(g,h,i)perylene	26.364	276	946	0.031	ng	# 2

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

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BNA_N
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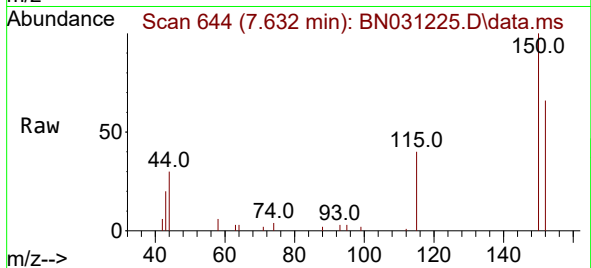
Quant Time: Apr 25 23:44:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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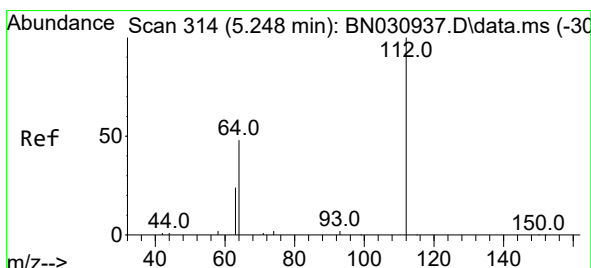
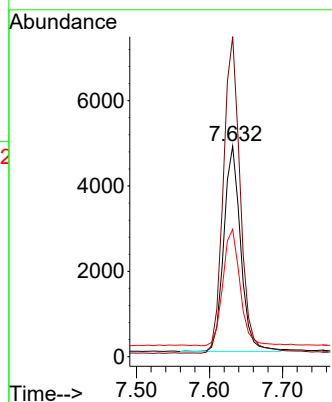
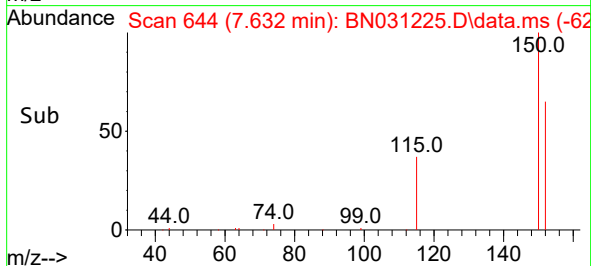


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.632 min Scan# 64
Delta R.T. 0.008 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

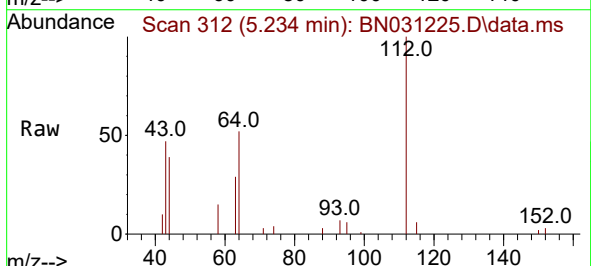
Instrument :
BNA_N
ClientSampleId :
PB160394BL



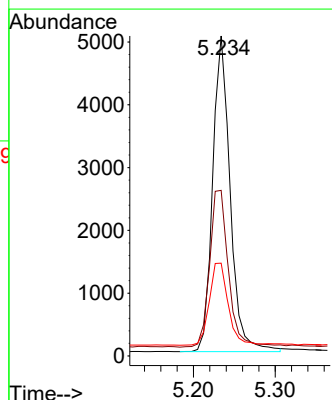
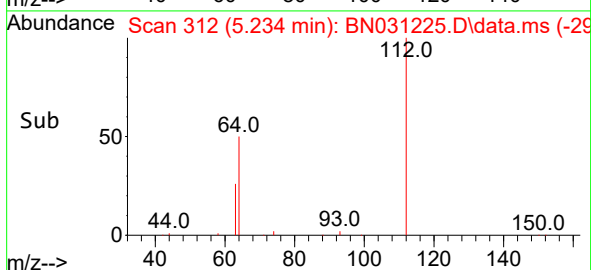
Tgt Ion:152 Resp: 7727
Ion Ratio Lower Upper
152 100
150 152.0 121.7 182.5
115 60.5 47.8 71.8

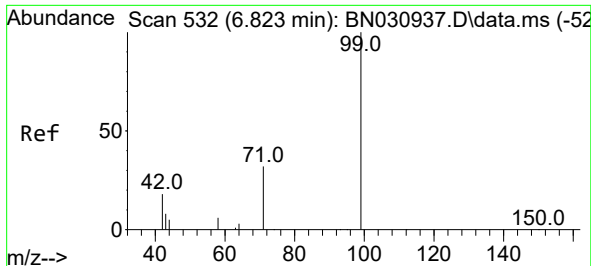


#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.234 min Scan# 312
Delta R.T. 0.007 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19



Tgt Ion:112 Resp: 7479
Ion Ratio Lower Upper
112 100
64 53.6 43.4 65.2
63 28.1 22.2 33.2

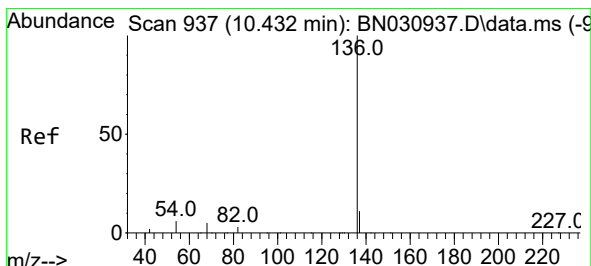
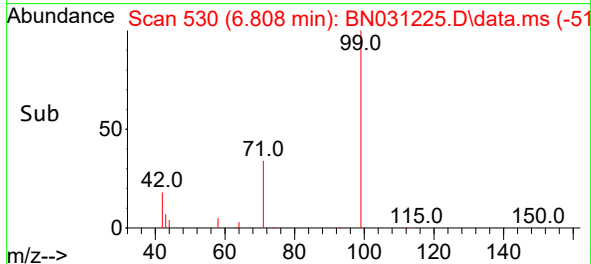
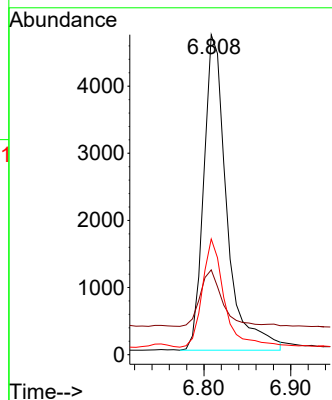
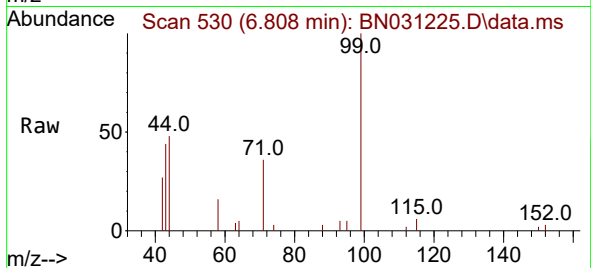




#5
Phenol-d6
Concen: 0.416 ng
RT: 6.808 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

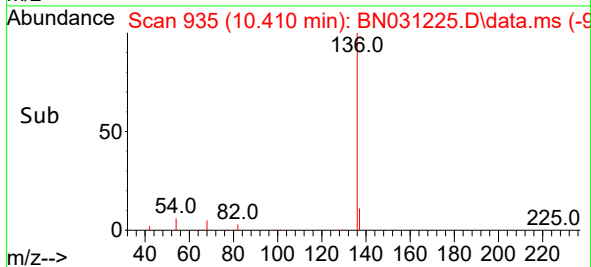
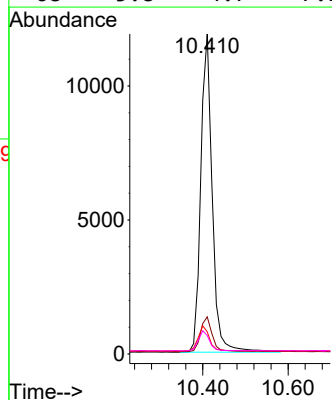
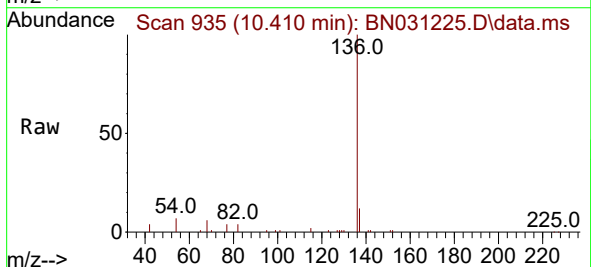
Instrument :
BNA_N
ClientSampleId :
PB160394BL

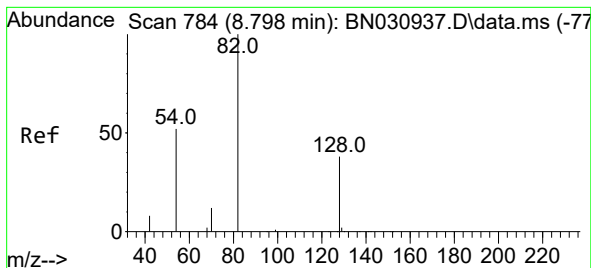
Tgt Ion: 99 Resp: 8679
Ion Ratio Lower Upper
99 100
42 17.4 16.4 24.6
71 32.8 26.3 39.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion: 136 Resp: 22152
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 6.9 5.3 7.9
68 5.8 4.7 7.1





#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 8.788 min Scan# 71

Delta R.T. 0.011 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

Instrument :

BNA_N

ClientSampleId :

PB160394BL

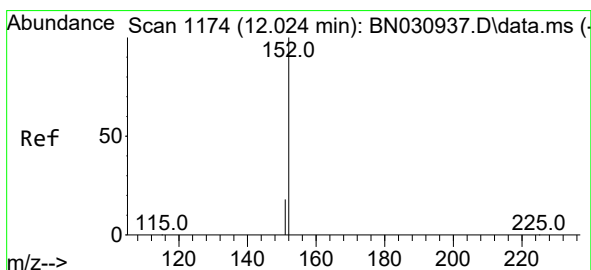
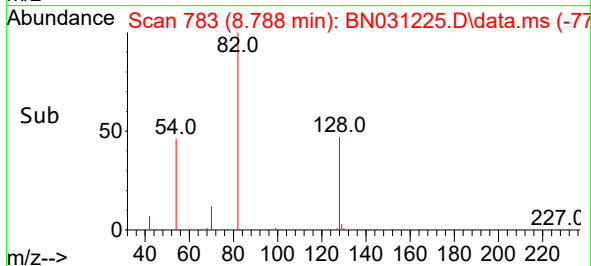
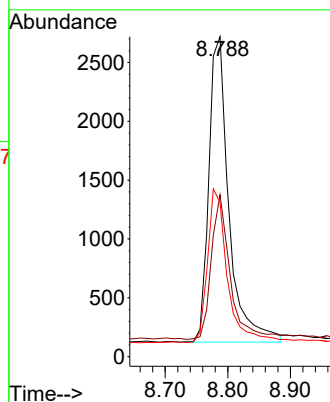
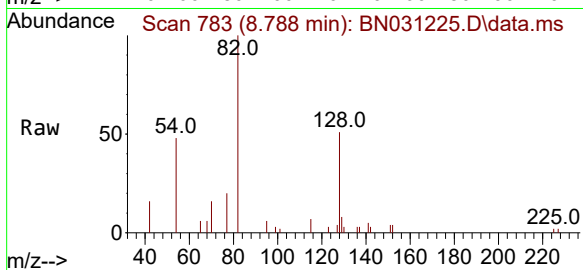
Tgt Ion: 82 Resp: 5790

Ion Ratio Lower Upper

82 100

128 50.6 33.7 50.5#

54 48.1 43.7 65.5



#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.005 min Scan# 1169

Delta R.T. 0.004 min

Lab File: BN031225.D

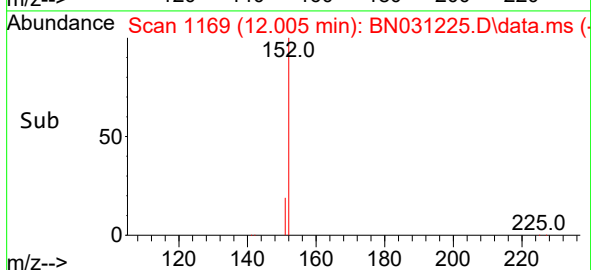
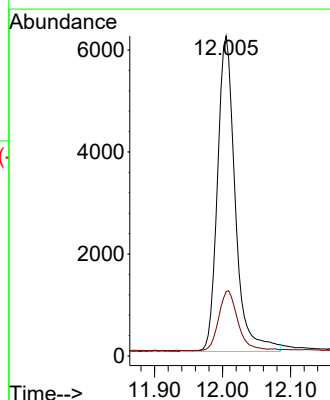
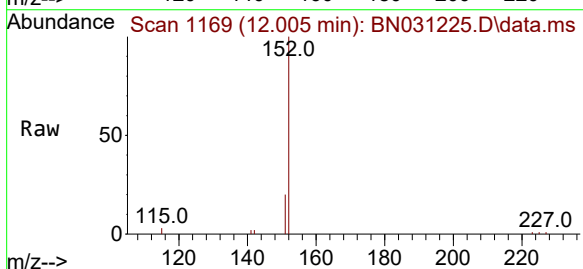
Acq: 25 Apr 2024 18:19

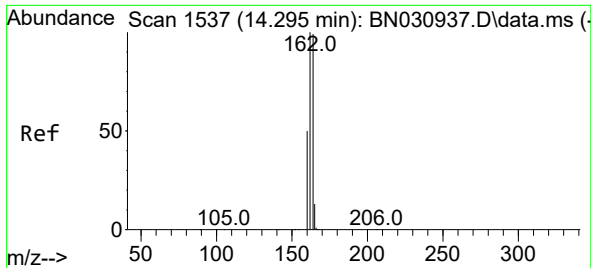
Tgt Ion:152 Resp: 11213

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

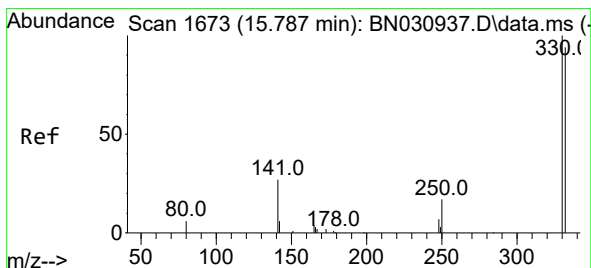
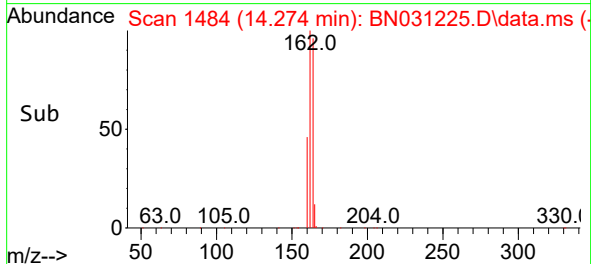
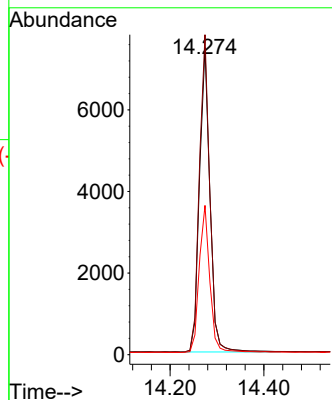
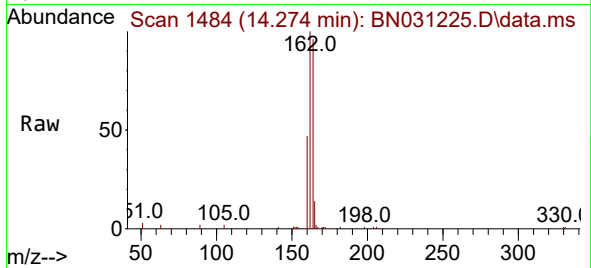




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

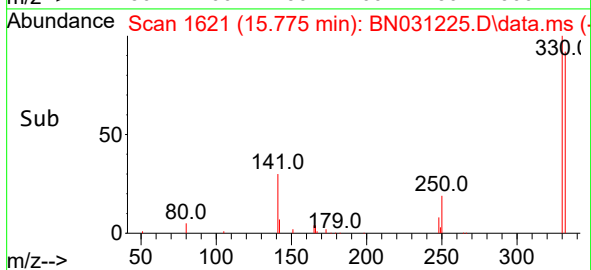
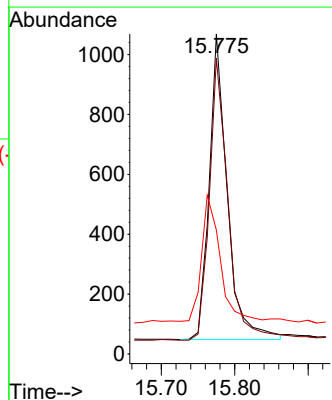
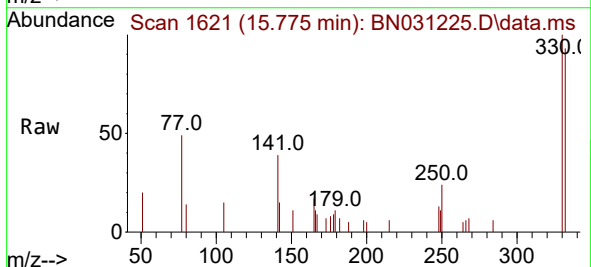
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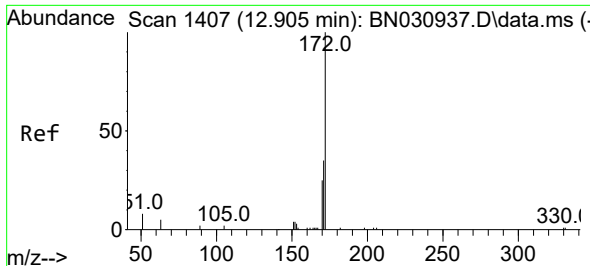
Tgt Ion:164 Resp: 11596
Ion Ratio Lower Upper
164 100
162 104.2 80.6 121.0
160 48.6 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:330 Resp: 1746
Ion Ratio Lower Upper
330 100
332 95.9 74.2 111.2
141 42.6 37.2 55.8

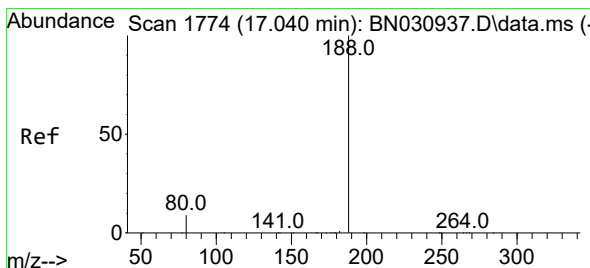
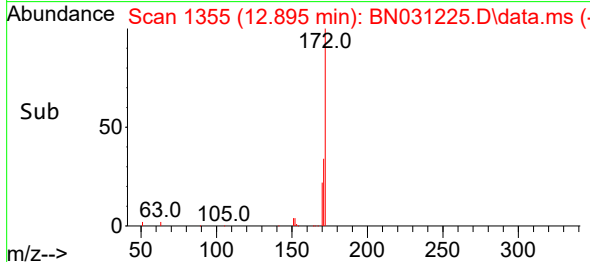
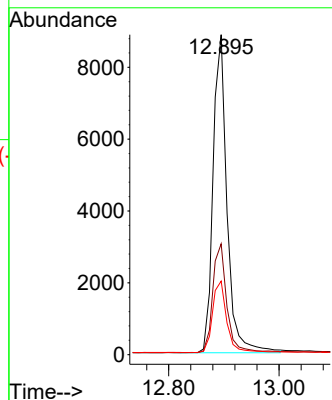
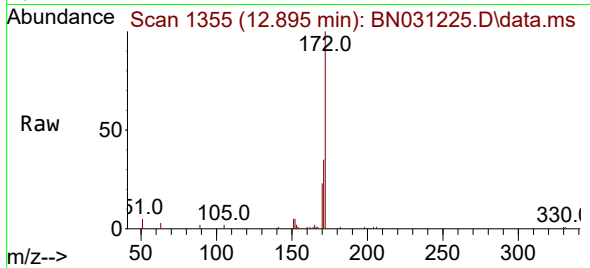




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

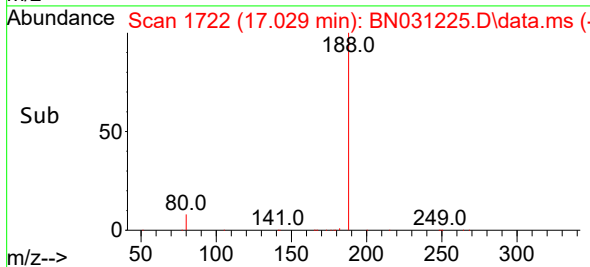
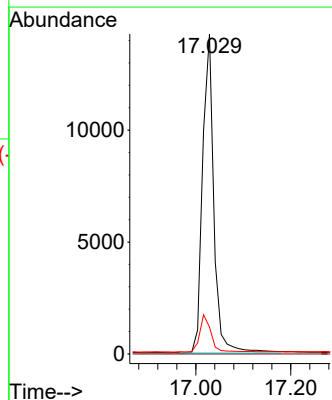
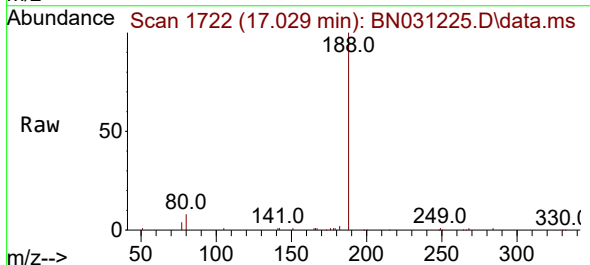
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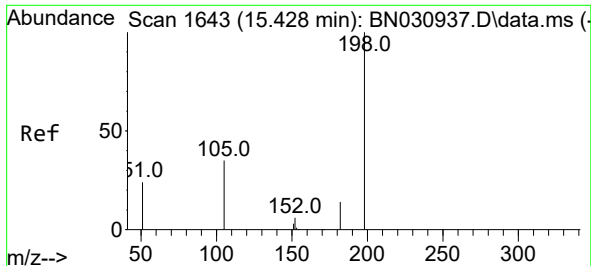
Tgt Ion:172 Resp: 15545
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:188 Resp: 23507
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.4 11.2

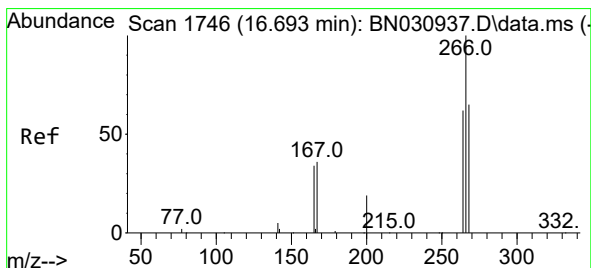
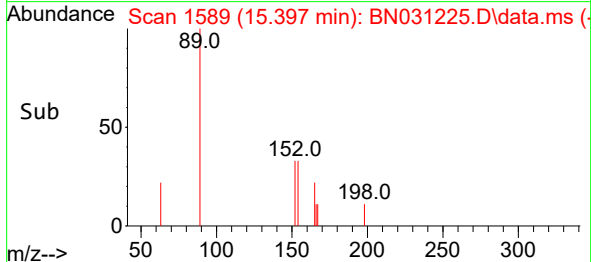
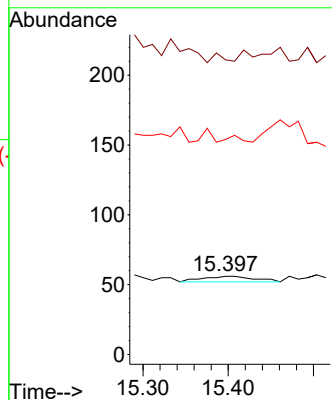
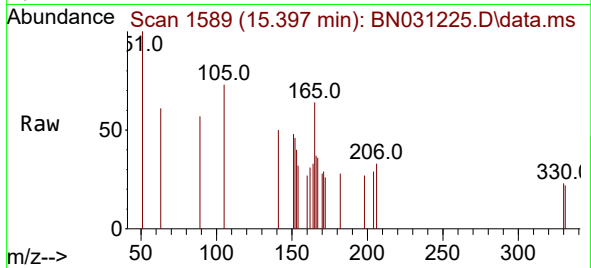




#20
4,6-Dinitro-2-methylphenol
Concen: 0.107 ng
RT: 15.397 min Scan# 1695
Delta R.T. -0.021 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

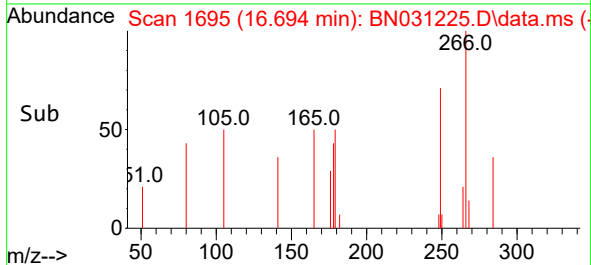
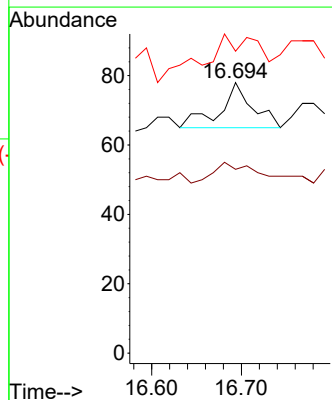
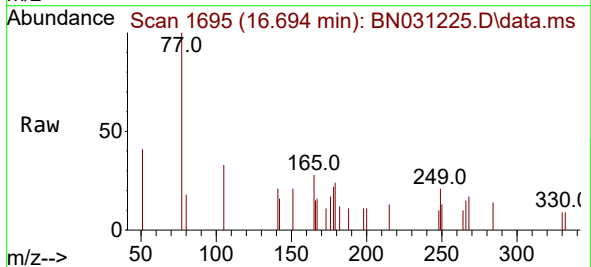
Instrument :
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PB160394BL

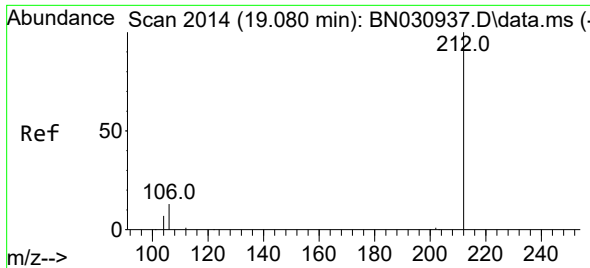
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 376.8 65.2 97.8#
105 275.0 41.0 61.4#



#24
Pentachlorophenol
Concen: 0.132 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.012 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 66.7 50.2 75.2
268 181.8 52.3 78.5#

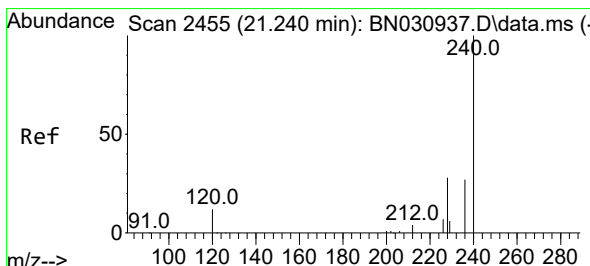
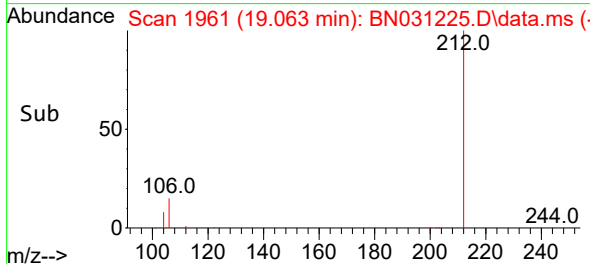
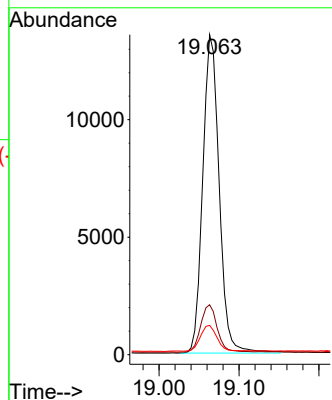
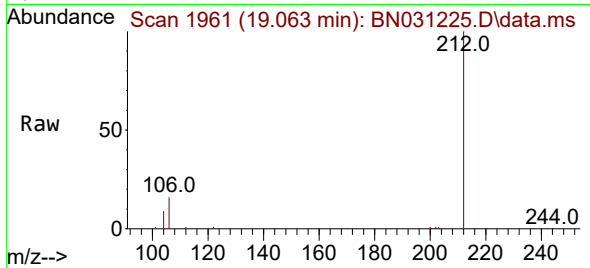




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.005 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

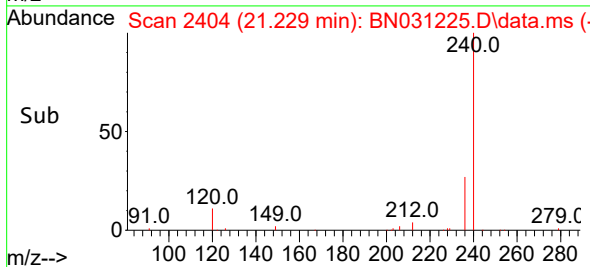
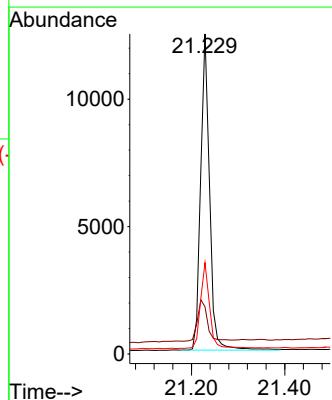
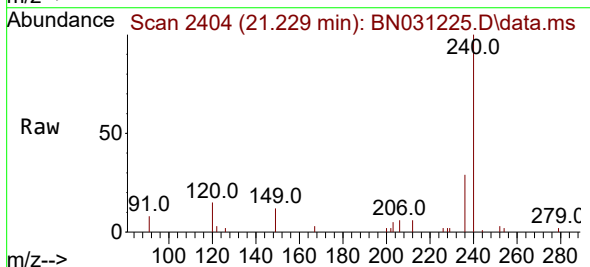
Instrument :
BNA_N
ClientSampleId :
PB160394BL

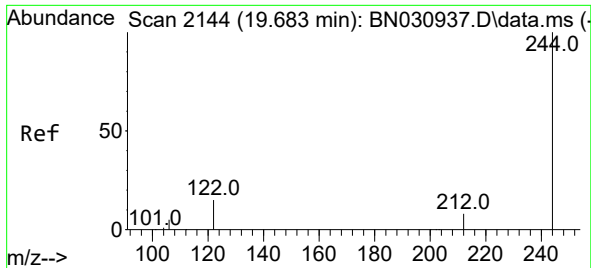
Tgt Ion:212 Resp: 19341
Ion Ratio Lower Upper
212 100
106 15.1 12.0 18.0
104 8.2 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

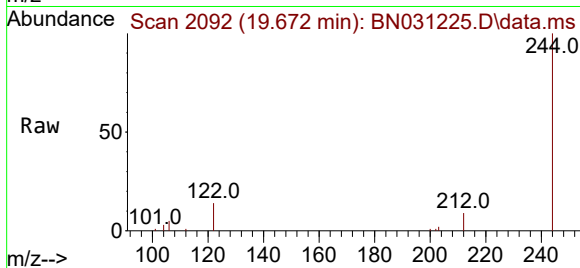
Tgt Ion:240 Resp: 16560
Ion Ratio Lower Upper
240 100
120 14.7 11.0 16.4
236 28.5 22.3 33.5



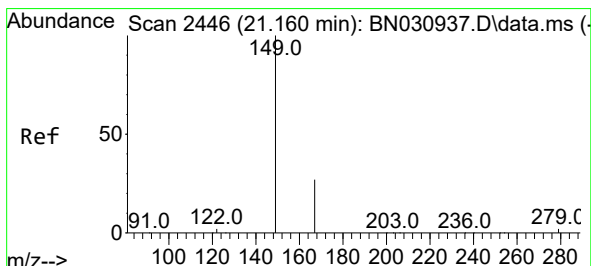
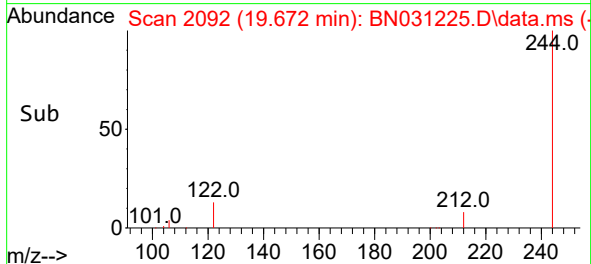
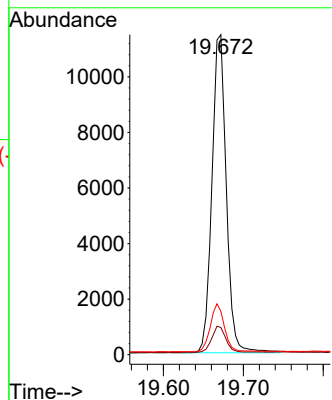


#31
Terphenyl-d14
Concen: 0.372 ng
RT: 19.672 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Instrument :
BNA_N
ClientSampleId :
PB160394BL

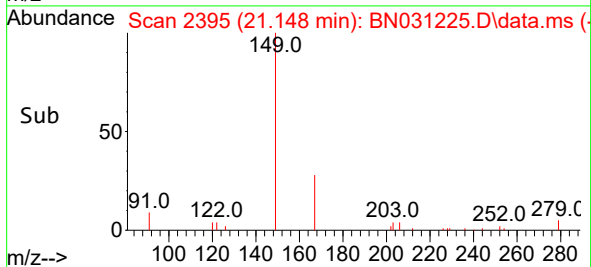
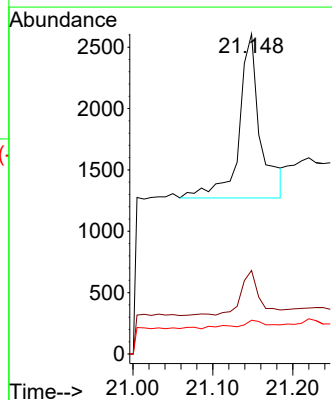
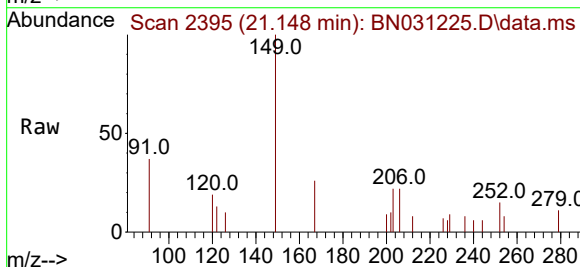


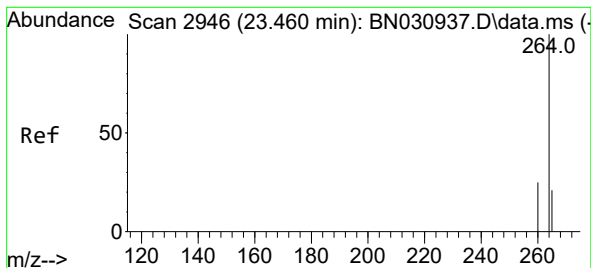
Tgt Ion:244 Resp: 14293
Ion Ratio Lower Upper
244 100
212 8.5 7.2 10.8
122 13.6 12.7 19.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:149 Resp: 2478
Ion Ratio Lower Upper
149 100
167 24.6 21.0 31.4
279 8.0 2.9 4.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.446 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

Instrument :

BNA_N

ClientSampleId :

PB160394BL

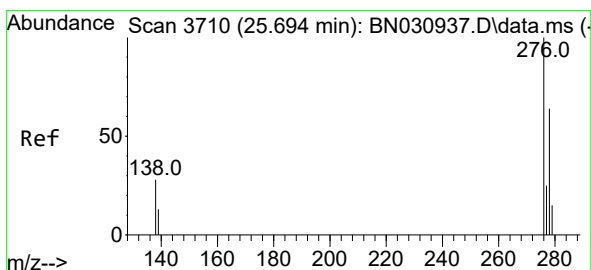
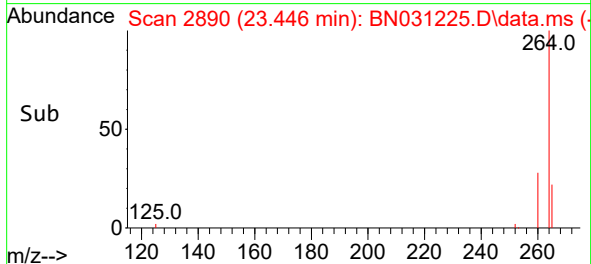
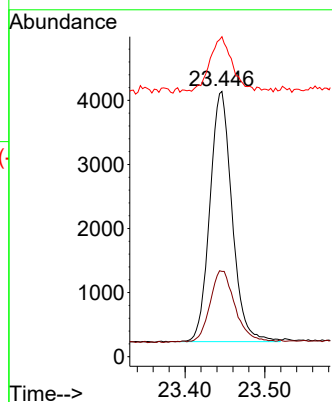
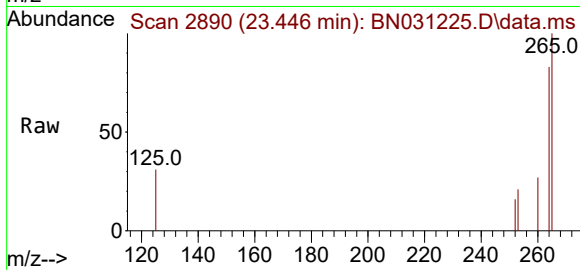
Tgt Ion:264 Resp: 7563

Ion Ratio Lower Upper

264 100

260 32.1 20.6 31.0#

265 120.6 53.3 79.9#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng

RT: 25.677 min Scan# 3653

Delta R.T. -0.006 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

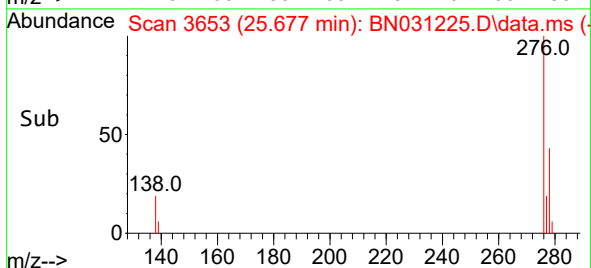
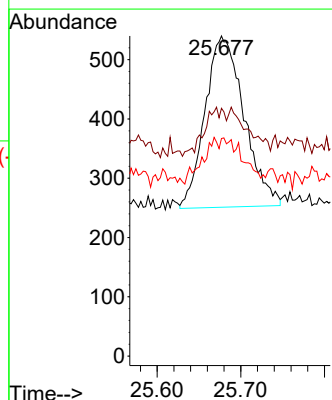
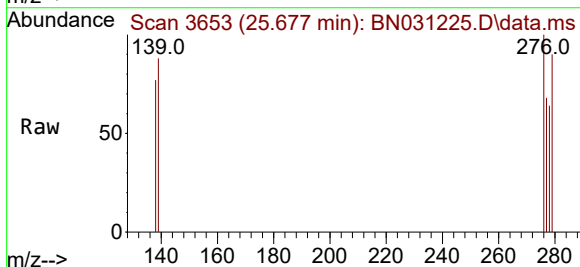
Tgt Ion:276 Resp: 936

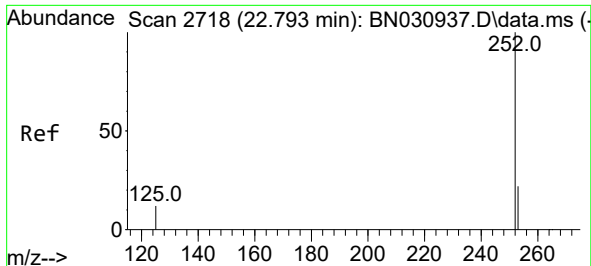
Ion Ratio Lower Upper

276 100

138 11.3 23.1 34.7#

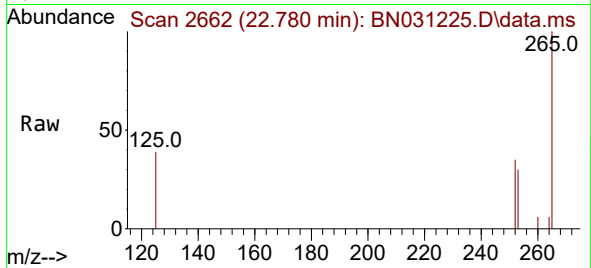
277 5.6 19.9 29.9#



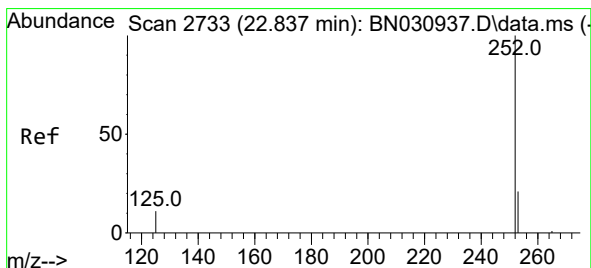
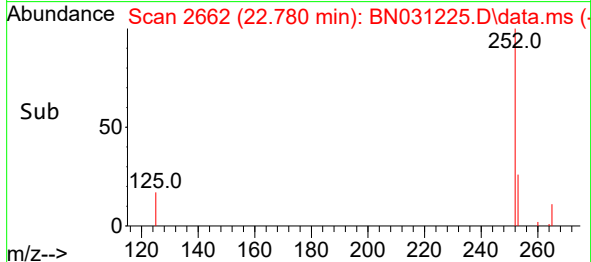
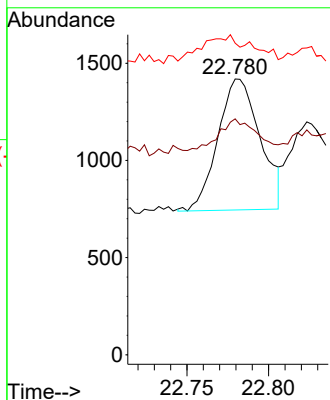


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 22.780 min Scan# 2662
Delta R.T. -0.006 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Instrument :
BNA_N
ClientSampleId :
PB160394BL

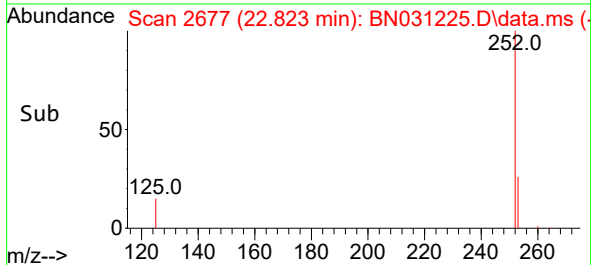
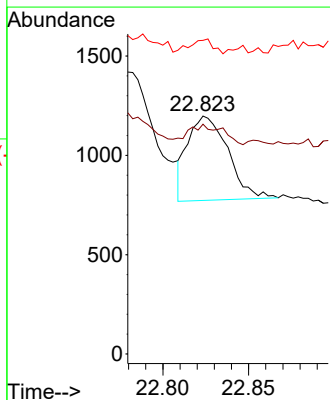
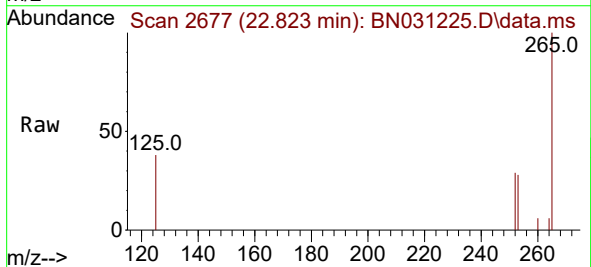


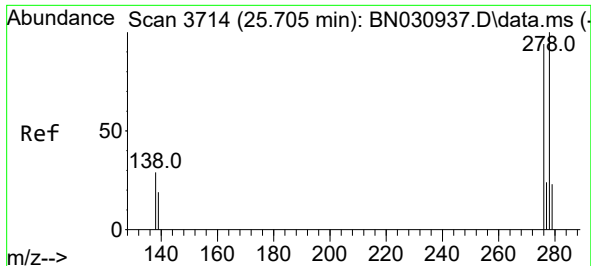
Tgt Ion:252 Resp: 1213
Ion Ratio Lower Upper
252 100
253 85.6 20.2 30.2#
125 113.0 13.4 20.2#



#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.823 min Scan# 2677
Delta R.T. -0.006 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:252 Resp: 692
Ion Ratio Lower Upper
252 100
253 96.6 19.9 29.9#
125 131.8 13.2 19.8#

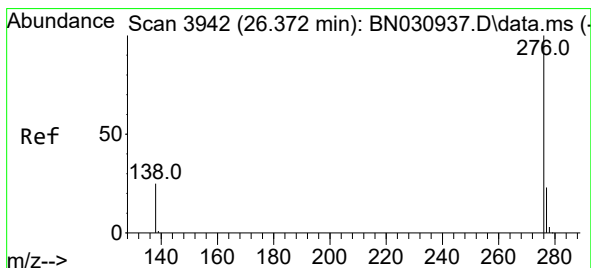
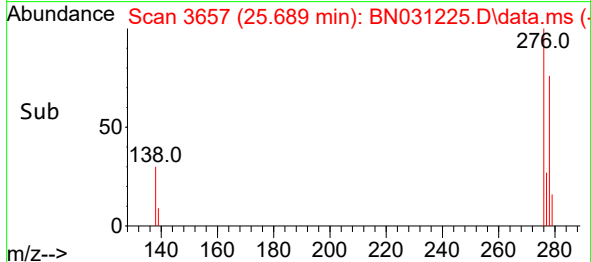
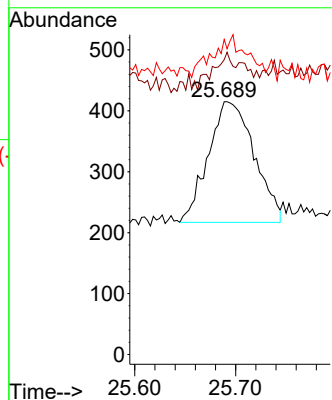
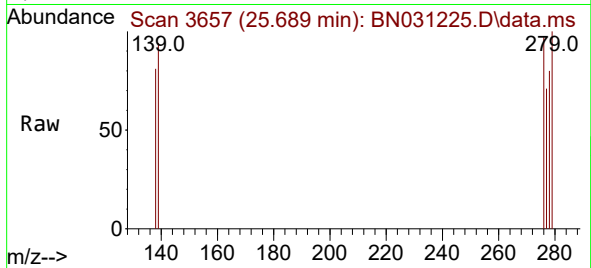




#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 25.689 min Scan# 301
Delta R.T. -0.012 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Instrument :
BNA_N
ClientSampleId :
PB160394BL

Tgt Ion:278 Resp: 627
Ion Ratio Lower Upper
278 100
139 116.6 16.3 24.5#
279 124.6 20.6 31.0#



#41
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 26.364 min Scan# 3888
Delta R.T. -0.009 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:276 Resp: 946
Ion Ratio Lower Upper
276 100
277 67.6 19.4 29.2#
138 81.7 21.0 31.4#

