

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031221.D
 Acq On : 25 Apr 2024 15:52
 Operator : MA/JU
 Sample : PB160336BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160336BL

Quant Time: Apr 25 18:01:11 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)

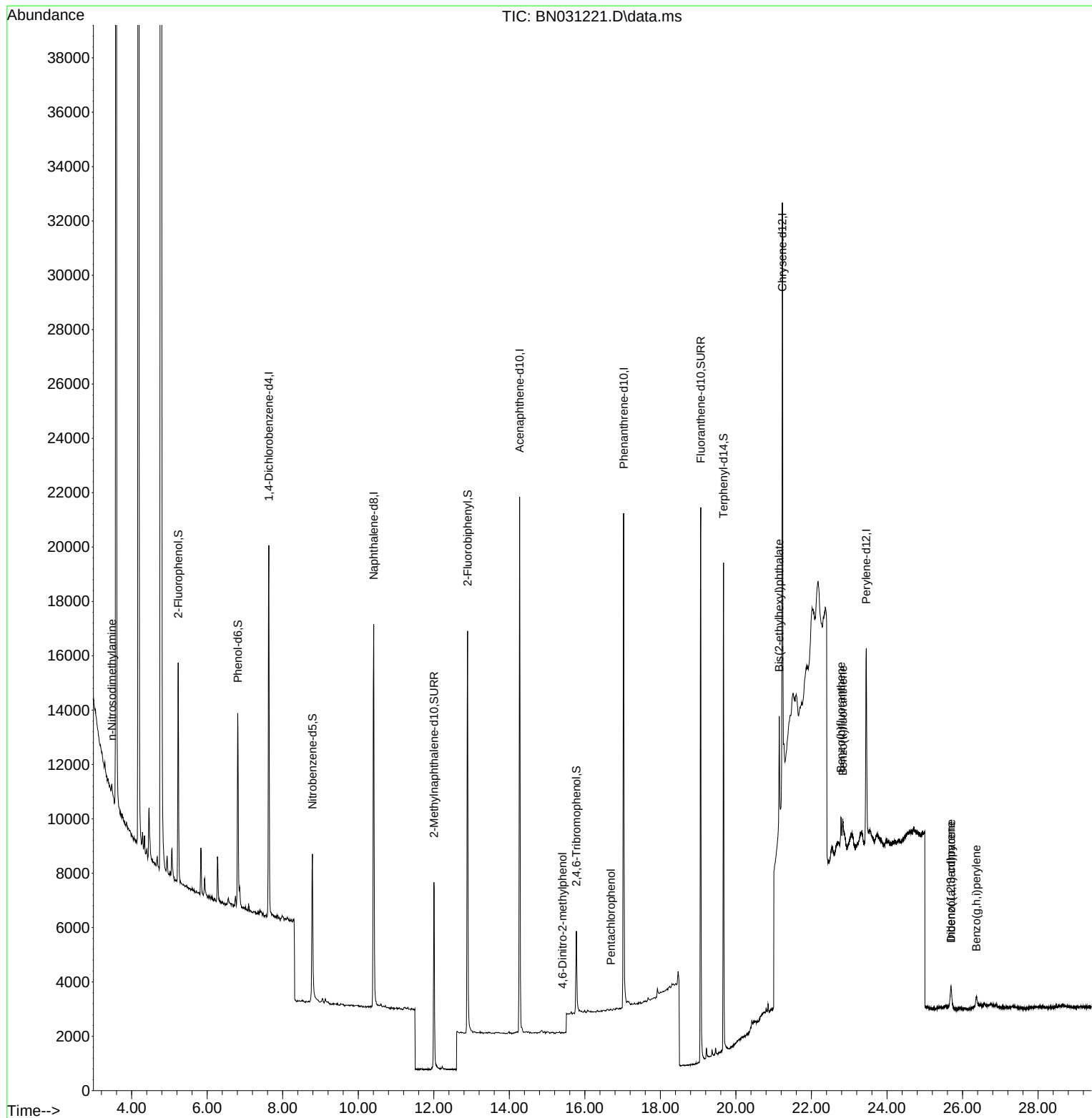
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	6763	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	20020	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	11190	0.400	ng	0.00
19) Phenanthrene-d10	17.028	188	25554	0.400	ng	0.00
29) Chrysene-d12	21.229	240	21073	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	9323	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	6641	0.441	ng	0.00
5) Phenol-d6	6.815	99	7890	0.432	ng	0.00
8) Nitrobenzene-d5	8.787	82	5194	0.375	ng	0.01
11) 2-Methylnaphthalene-d10	12.005	152	10187	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1836	0.423	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	14410	0.383	ng	0.00
27) Fluoranthene-d10	19.068	212	22870	0.332	ng	0.00
31) Terphenyl-d14	19.672	244	17389	0.355	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.479	42	192	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.407	198	6	0.103	ng	# 1
24) Pentachlorophenol	16.693	266	51	0.134	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.148	149	5209	0.155	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.694	276	1065	0.025	ng	# 52
37) Benzo(b)fluoranthene	22.782	252	1444	0.038	ng	# 1
38) Benzo(k)fluoranthene	22.832	252	1099	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	25.700	278	815	0.023	ng	# 1
41) Benzo(g,h,i)perylene	26.370	276	853	0.022	ng	# 1

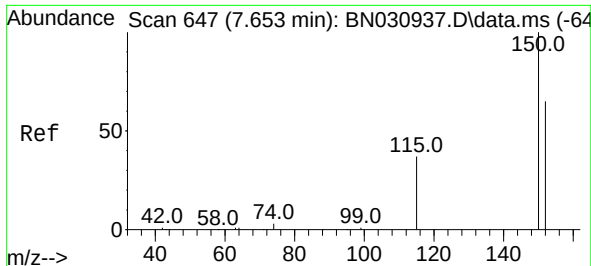
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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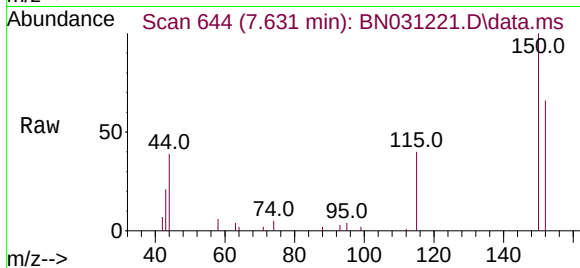
Quant Time: Apr 25 18:01:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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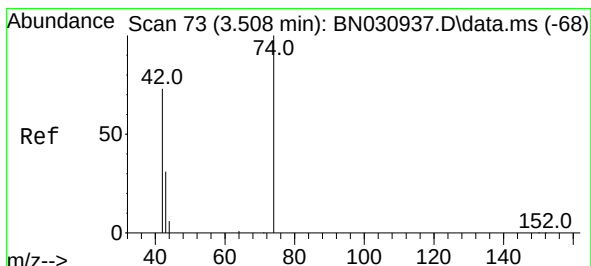
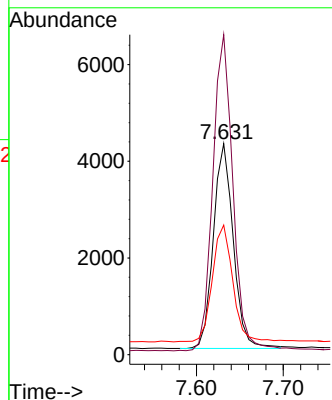
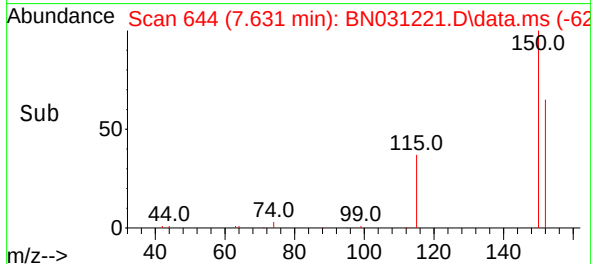


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.631 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

Instrument :
BNA_N
ClientSampleId :
PB160336BL

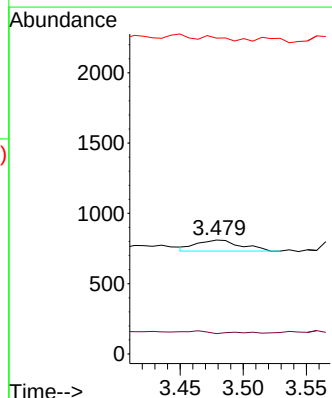
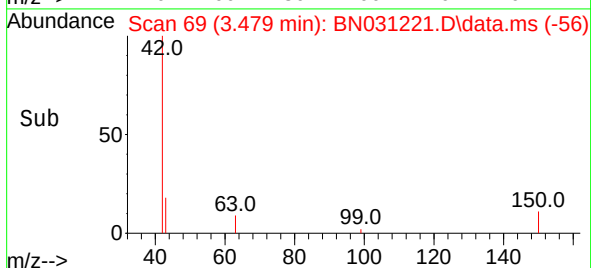
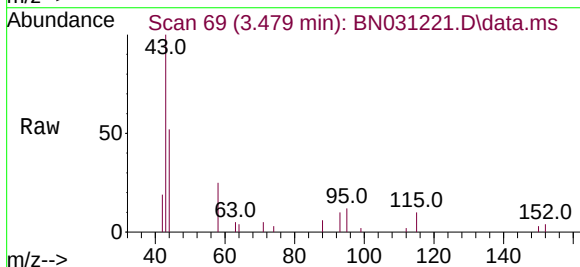


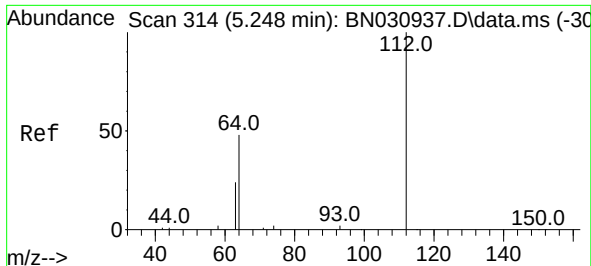
Tgt Ion:152 Resp: 6763
Ion Ratio Lower Upper
152 100
150 151.7 121.7 182.5
115 61.4 47.8 71.8



#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.479 min Scan# 69
Delta R.T. -0.007 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

Tgt Ion: 42 Resp: 192
Ion Ratio Lower Upper
42 100
74 8.3 103.1 154.7#
44 0.0 7.0 10.6#

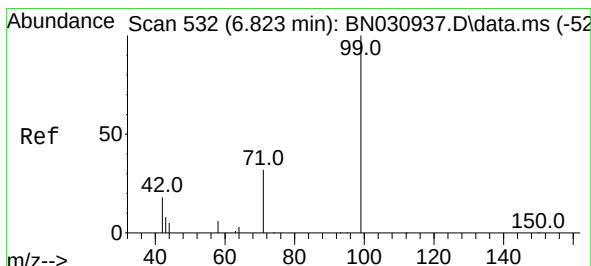
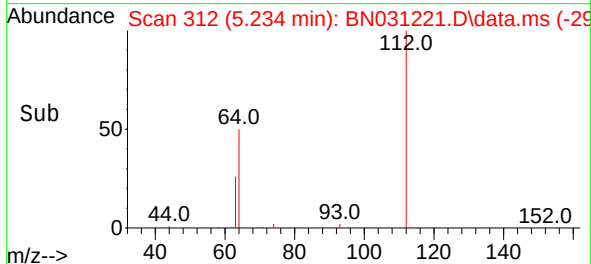
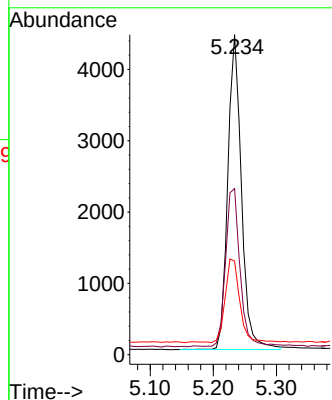
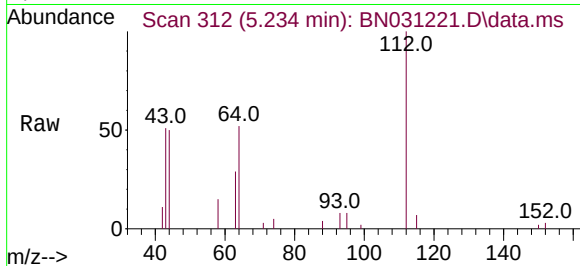




#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.234 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

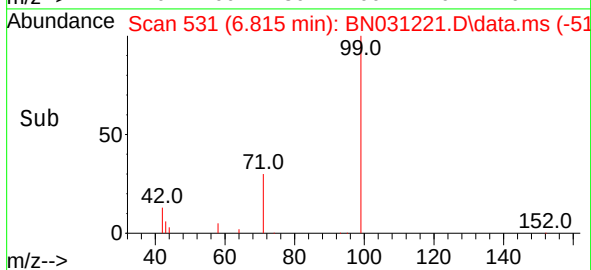
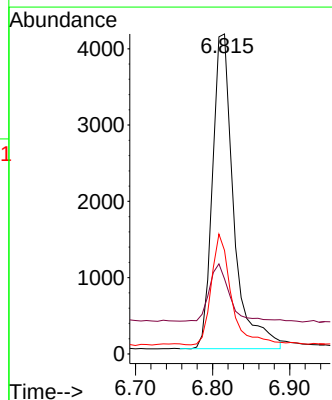
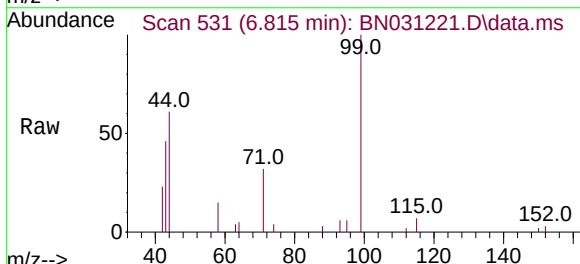
Instrument :
BNA_N
ClientSampleId :
PB160336BL

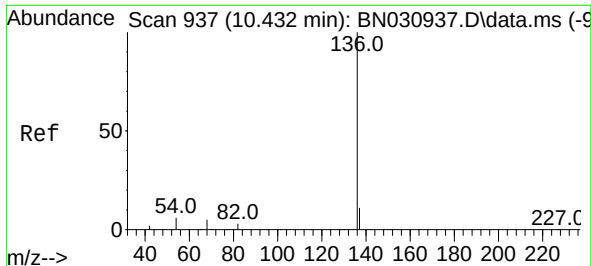
Tgt Ion:112 Resp: 6641
Ion Ratio Lower Upper
112 100
64 52.9 43.4 65.2
63 27.8 22.2 33.2



#5
Phenol-d6
Concen: 0.432 ng
RT: 6.815 min Scan# 531
Delta R.T. 0.007 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

Tgt Ion: 99 Resp: 7890
Ion Ratio Lower Upper
99 100
42 16.9 16.4 24.6
71 33.1 26.3 39.5

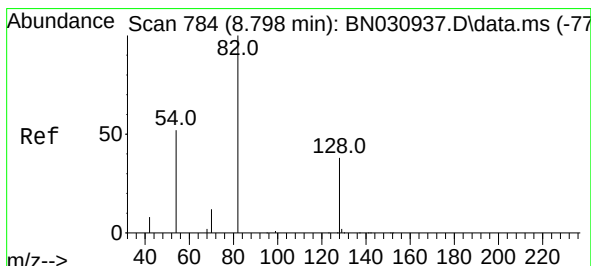
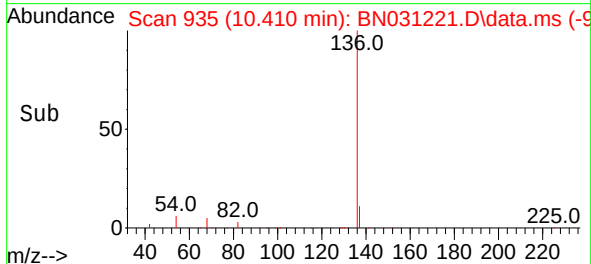
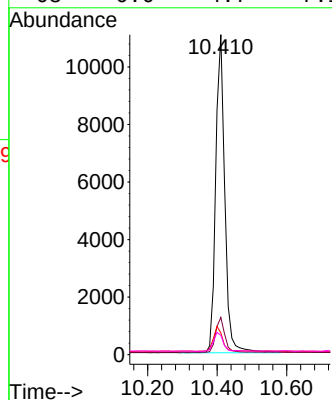
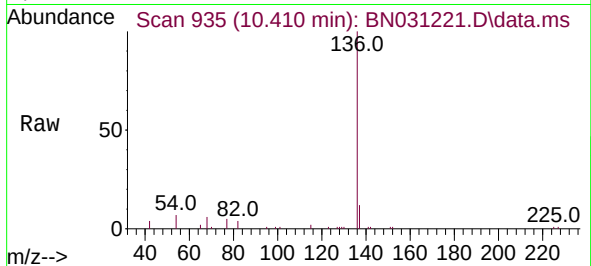




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

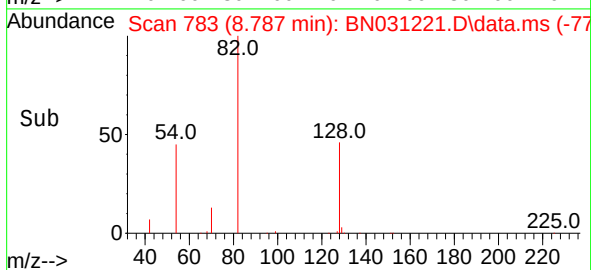
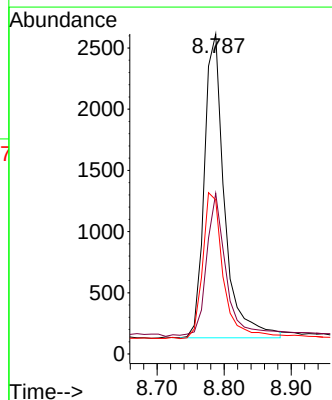
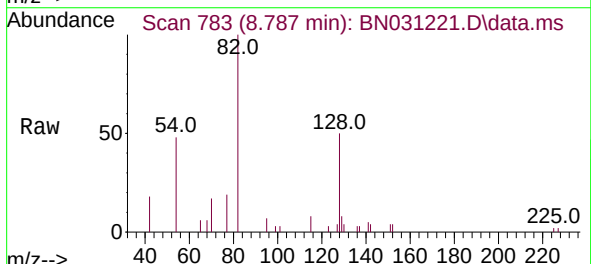
Instrument :
BNA_N
ClientSampleId :
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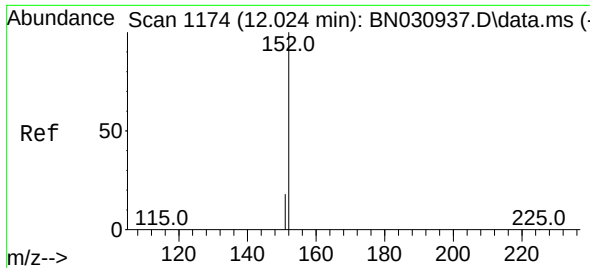
Tgt Ion:136	Resp:	20020
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.4 14.0
54	6.8	5.3 7.9
68	6.0	4.7 7.1



#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.787 min Scan# 783
Delta R.T. 0.010 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

Tgt Ion: 82	Resp:	5194
Ion Ratio	Lower	Upper
82	100	
128	50.2	33.7 50.5
54	48.2	43.7 65.5

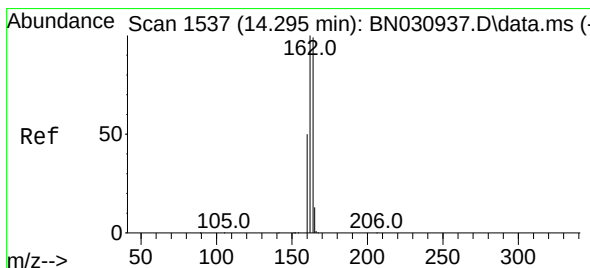
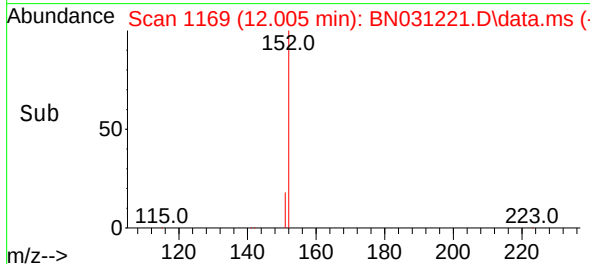
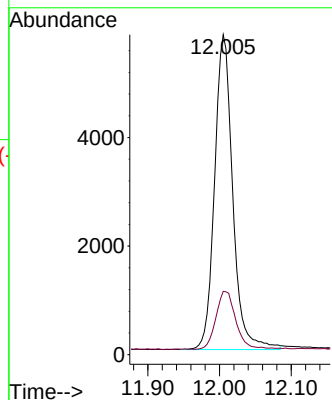
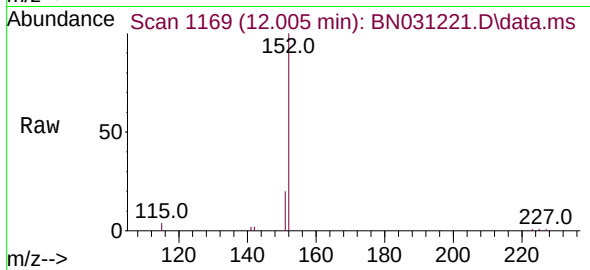




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.005 min Scan# 1174
Delta R.T. 0.004 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

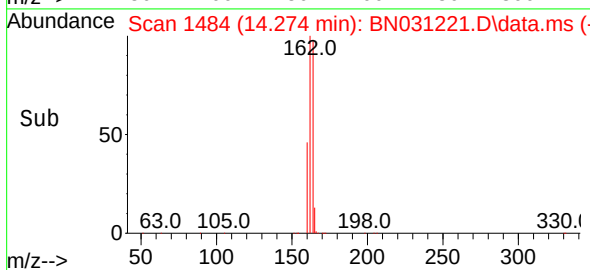
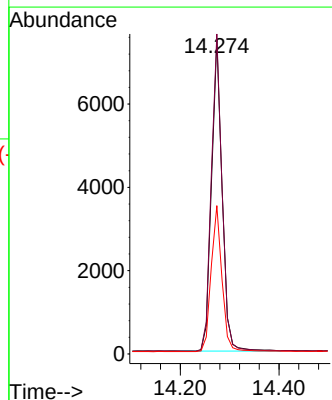
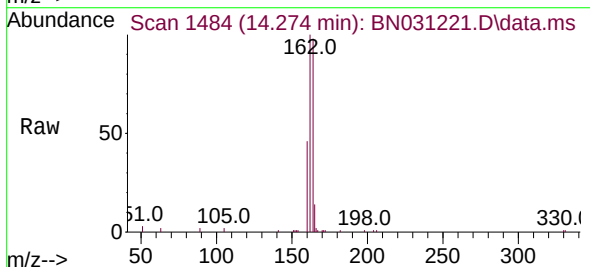
Instrument :
BNA_N
ClientSampleId :
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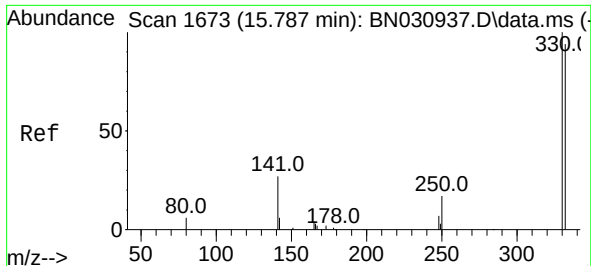
Tgt Ion:152 Resp: 10187
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

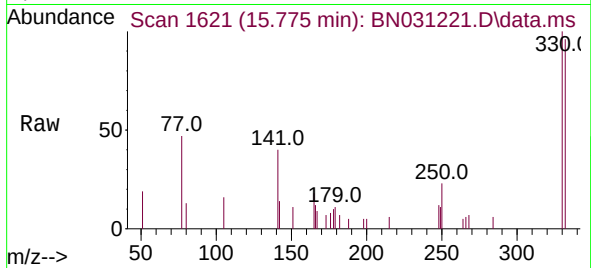
Tgt Ion:164 Resp: 11190
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 47.1 40.7 61.1



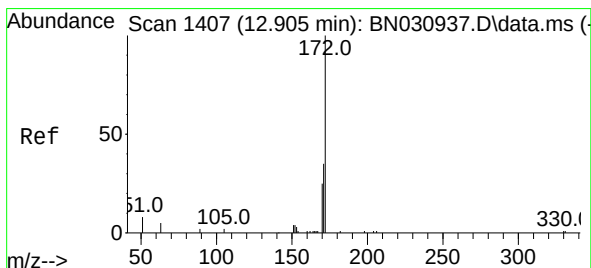
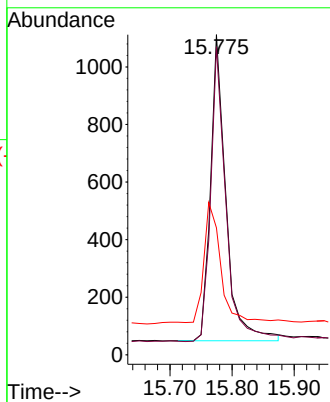
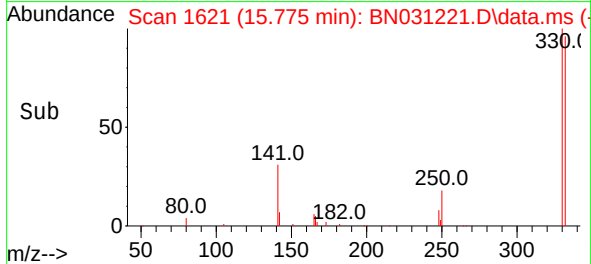


#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

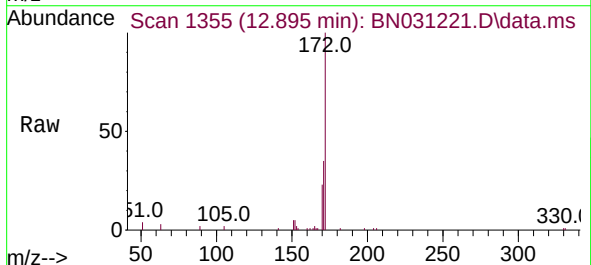
Instrument :
BNA_N
ClientSampleId :
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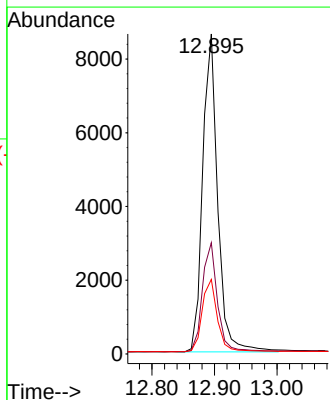
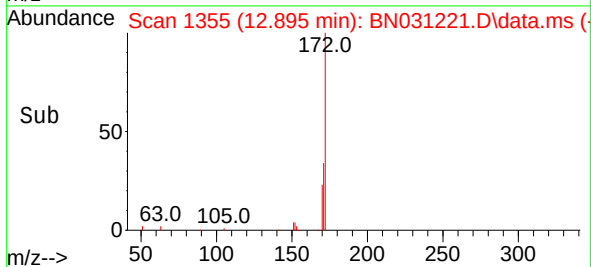
Tgt Ion:330 Resp: 1836
Ion Ratio Lower Upper
330 100
332 96.1 74.2 111.2
141 42.2 37.2 55.8

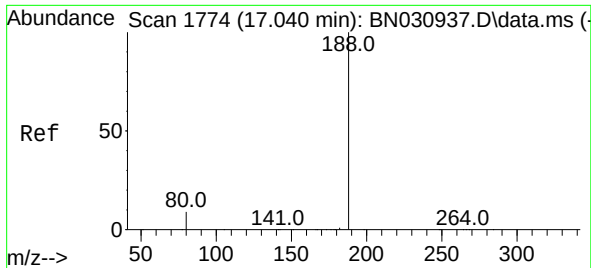


#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52



Tgt Ion:172 Resp: 14410
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.3 19.8 29.8

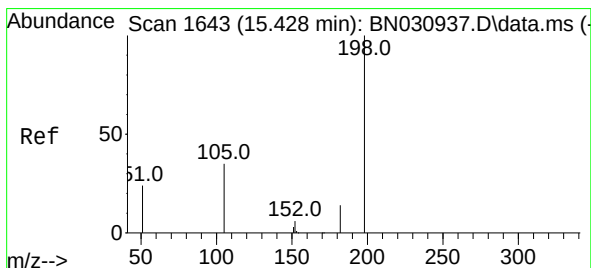
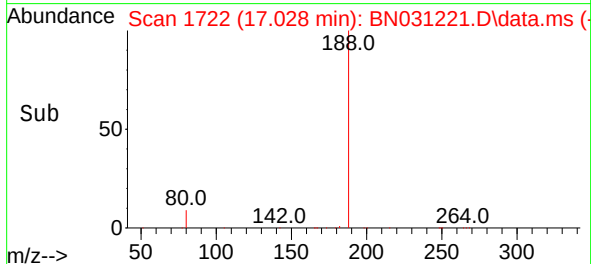
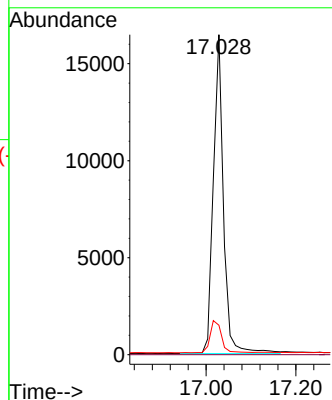
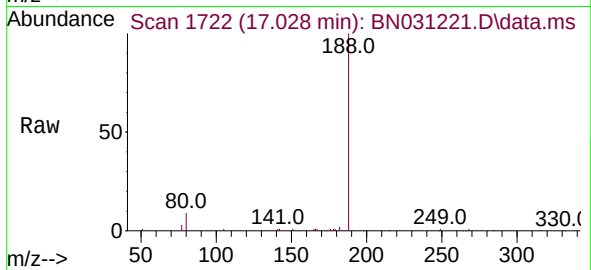




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

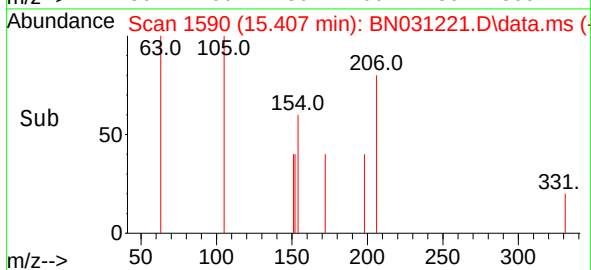
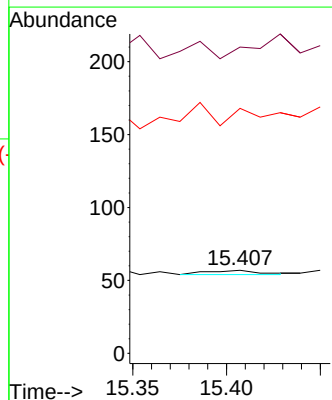
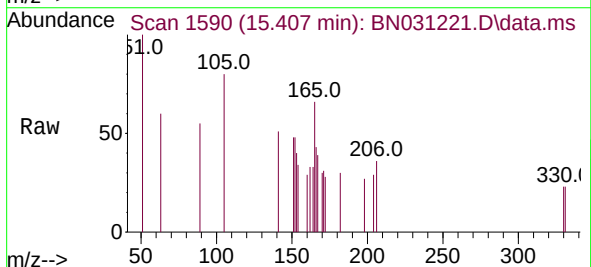
Instrument :
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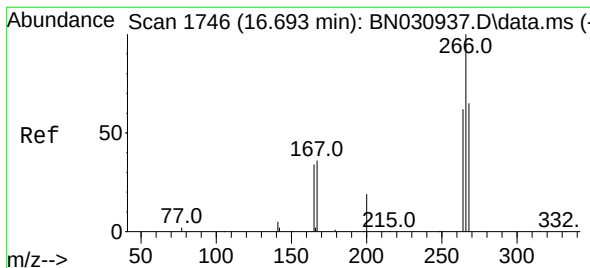
Tgt Ion:188 Resp: 25554
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.103 ng
RT: 15.407 min Scan# 1590
Delta R.T. -0.011 min
Lab File: BN031221.D
Acq: 25 Apr 2024 15:52

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 368.4 65.2 97.8#
105 294.7 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.134 ng

RT: 16.693 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN031221.D

Acq: 25 Apr 2024 15:52

Instrument :

BNA_N

ClientSampleId :

PB160336BL

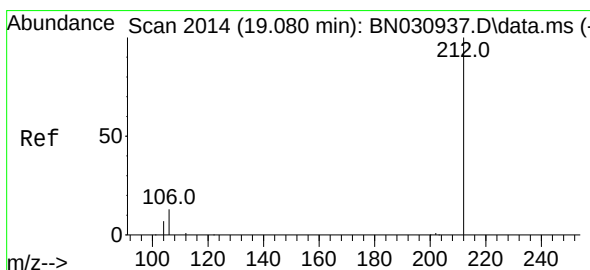
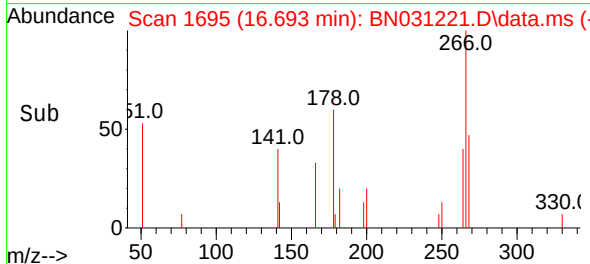
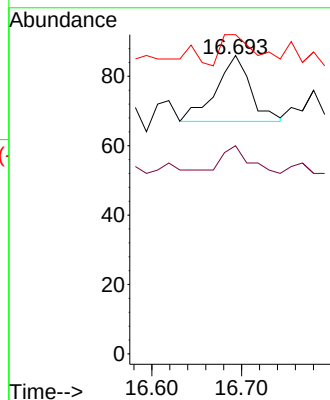
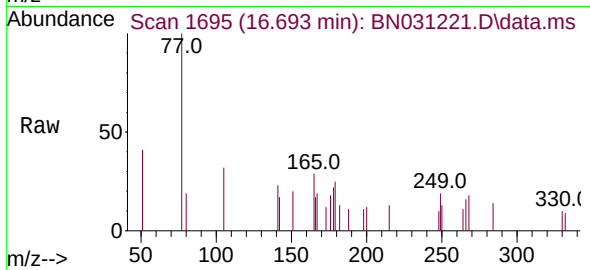
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

264 31.4 50.2 75.2#

268 49.0 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BN031221.D

Acq: 25 Apr 2024 15:52

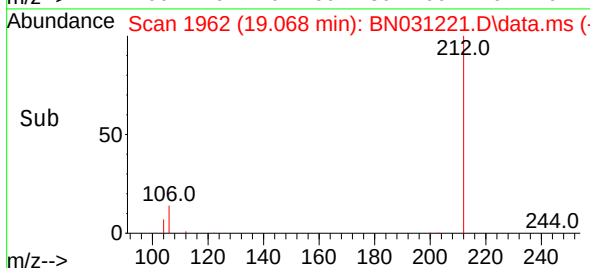
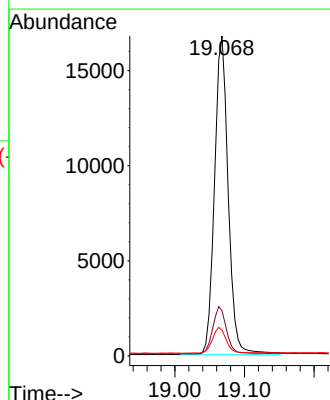
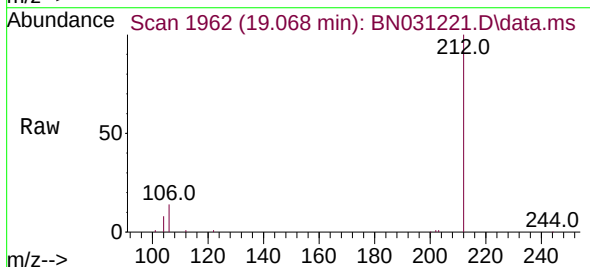
Tgt Ion:212 Resp: 22870

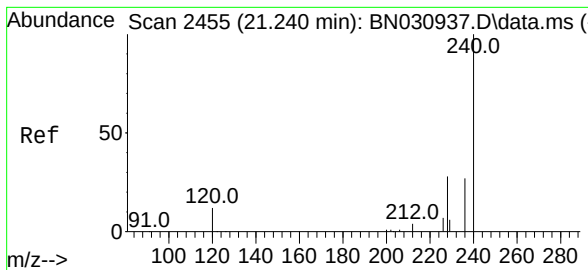
Ion Ratio Lower Upper

212 100

106 14.8 12.0 18.0

104 8.1 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: BN031221.D

Acq: 25 Apr 2024 15:52

Instrument :

BNA_N

ClientSampleId :

PB160336BL

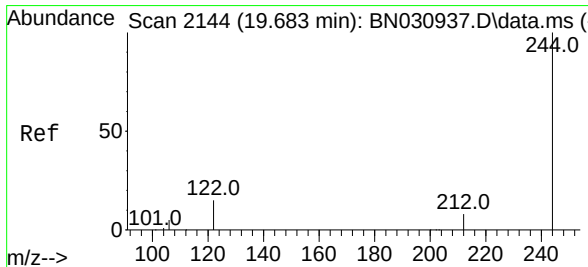
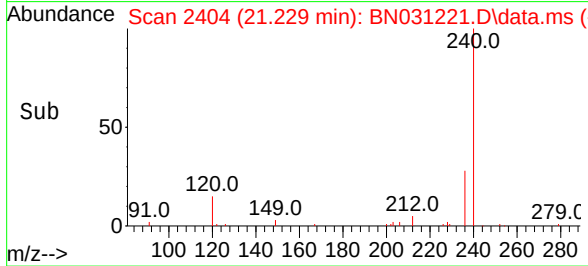
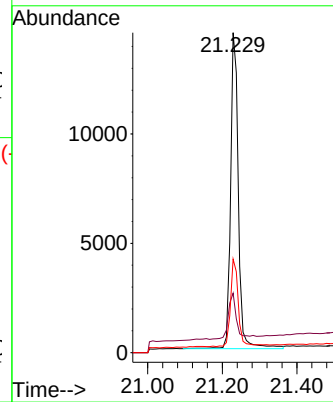
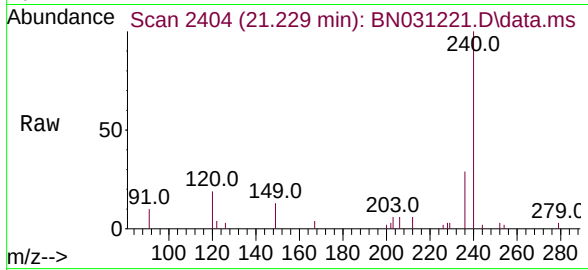
Tgt Ion:240 Resp: 21073

Ion Ratio Lower Upper

240 100

120 18.6 11.0 16.4#

236 29.3 22.3 33.5



#31

Terphenyl-d14

Concen: 0.355 ng

RT: 19.672 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN031221.D

Acq: 25 Apr 2024 15:52

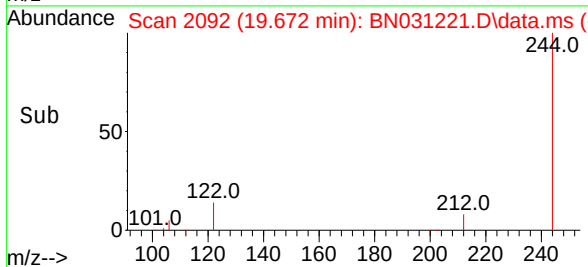
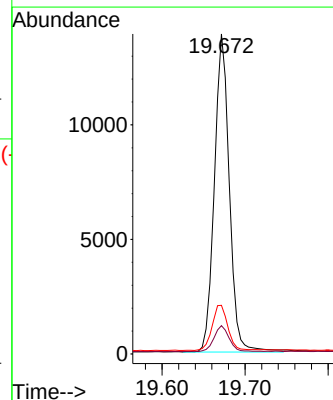
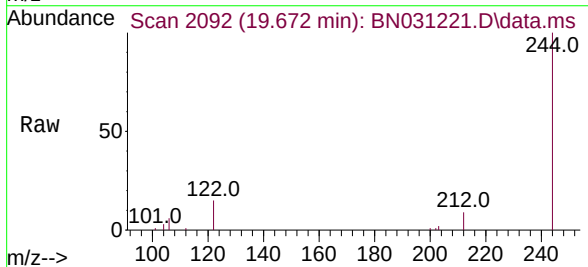
Tgt Ion:244 Resp: 17389

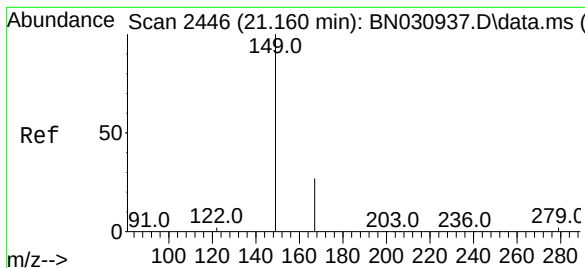
Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

122 15.2 12.7 19.1

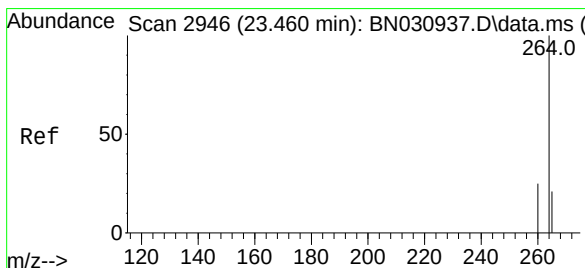
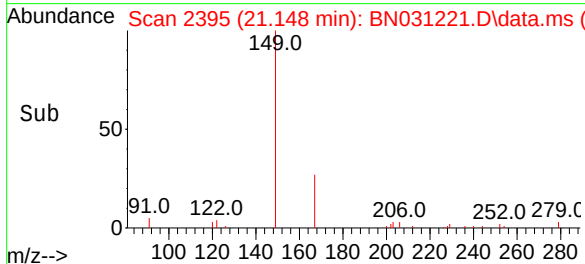
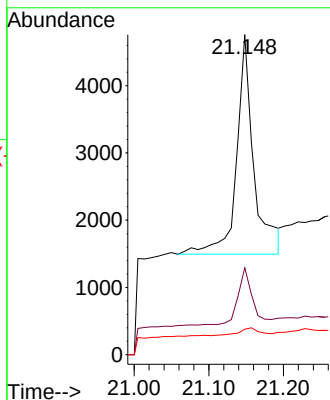
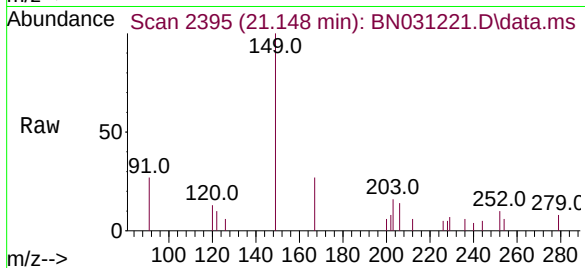




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.148 min Scan# 2446
 Delta R.T. -0.000 min
 Lab File: BN031221.D
 Acq: 25 Apr 2024 15:52

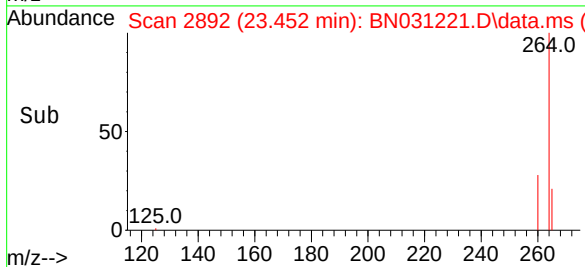
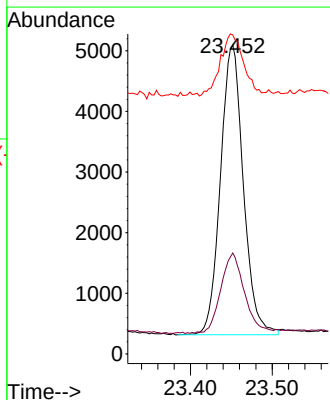
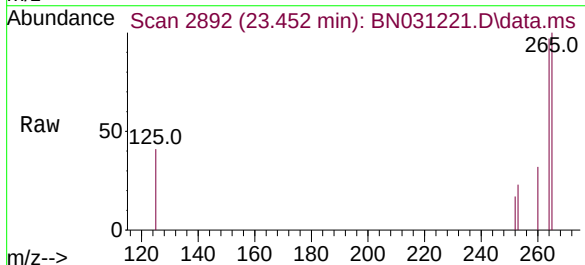
Instrument :
 BNA_N
 ClientSampleId :
 PB160336BL

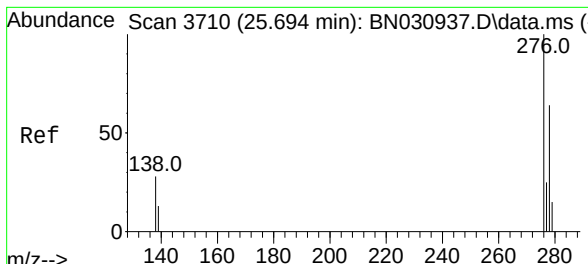
Tgt Ion:149 Resp: 5209
 Ion Ratio Lower Upper
 149 100
 167 23.4 21.0 31.4
 279 5.6 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.452 min Scan# 2892
 Delta R.T. -0.003 min
 Lab File: BN031221.D
 Acq: 25 Apr 2024 15:52

Tgt Ion:264 Resp: 9323
 Ion Ratio Lower Upper
 264 100
 260 32.7 20.6 31.0#
 265 103.3 53.3 79.9#

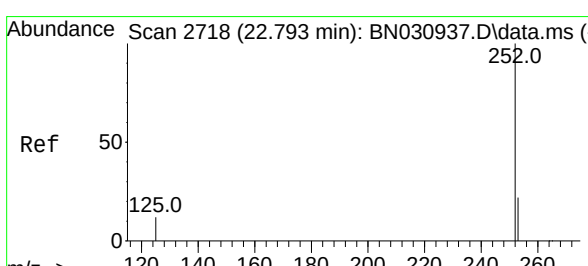
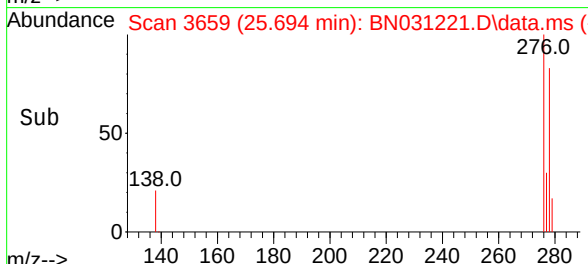
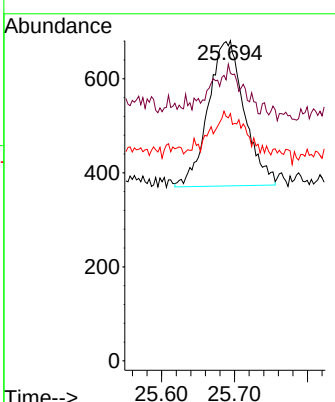
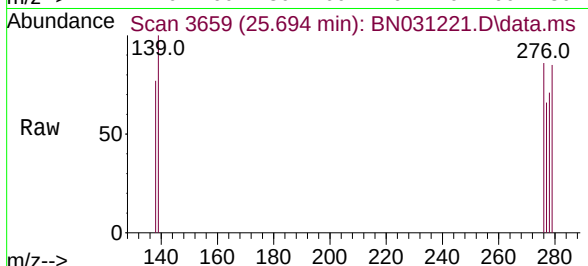




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng
 RT: 25.694 min Scan# 3063
 Delta R.T. 0.011 min
 Lab File: BN031221.D
 Acq: 25 Apr 2024 15:52

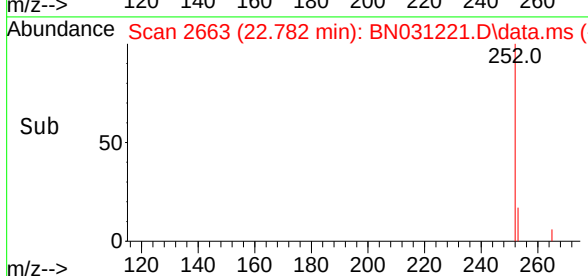
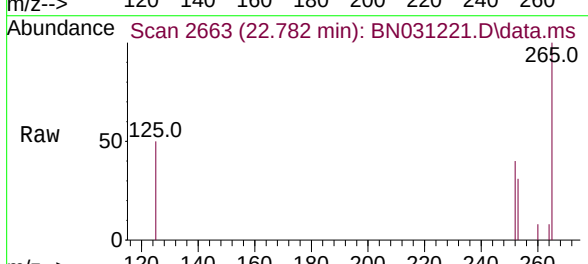
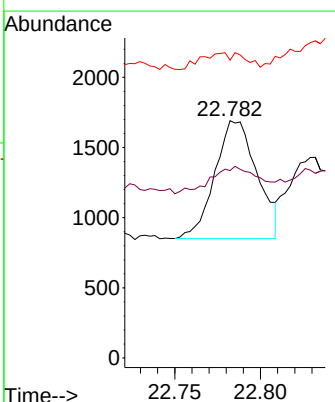
Instrument :
 BNA_N
 ClientSampleId :
 PB160336BL

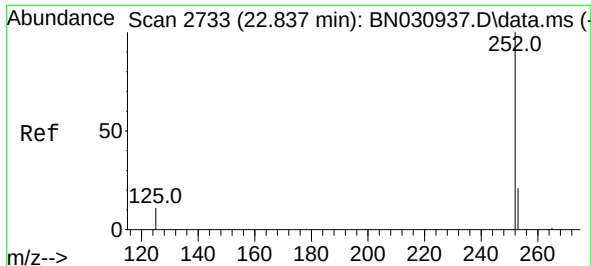
Tgt Ion:	276	Resp:	1065
Ion Ratio	Lower	Upper	
276	100		
138	0.0	23.1	34.7#
277	4.6	19.9	29.9#



#37
 Benzo(b)fluoranthene
 Concen: 0.038 ng
 RT: 22.782 min Scan# 2663
 Delta R.T. -0.003 min
 Lab File: BN031221.D
 Acq: 25 Apr 2024 15:52

Tgt Ion:	252	Resp:	1444
Ion Ratio	Lower	Upper	
252	100		
253	79.0	20.2	30.2#
125	125.5	13.4	20.2#





#38

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 22.832 min Scan# 2

Delta R.T. 0.003 min

Lab File: BN031221.D

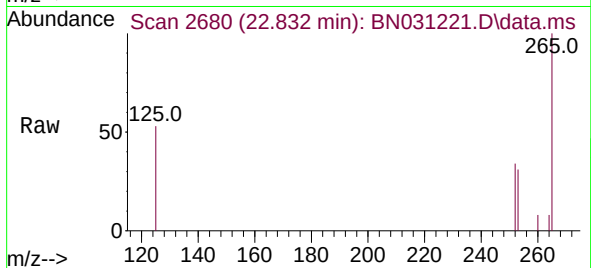
Acq: 25 Apr 2024 15:52

Instrument :

BNA_N

ClientSampleId :

PB160336BL



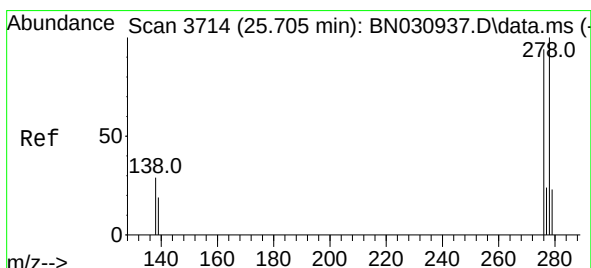
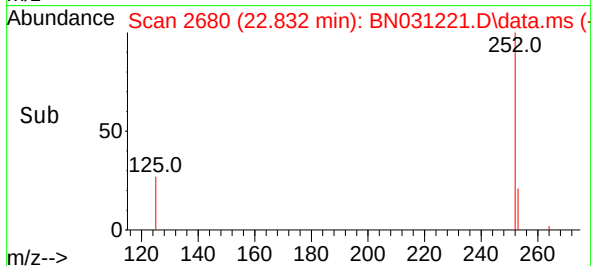
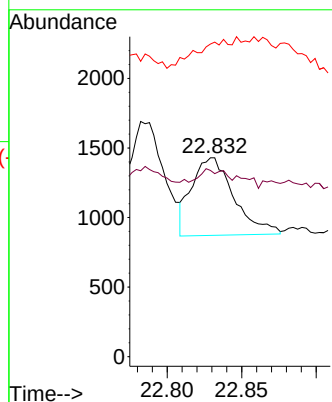
Tgt Ion:252 Resp: 1099

Ion Ratio Lower Upper

252 100

253 92.0 19.9 29.9#

125 158.1 13.2 19.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.023 ng

RT: 25.700 min Scan# 3661

Delta R.T. -0.000 min

Lab File: BN031221.D

Acq: 25 Apr 2024 15:52

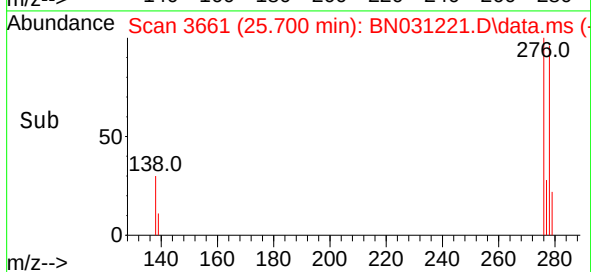
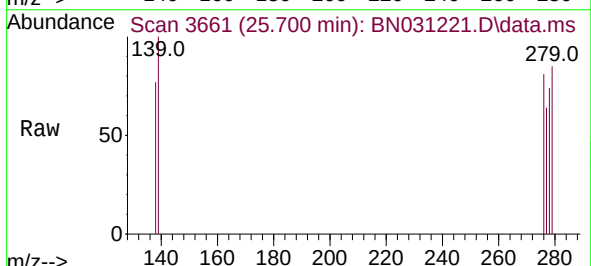
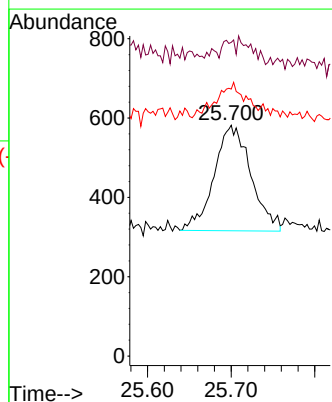
Tgt Ion:278 Resp: 815

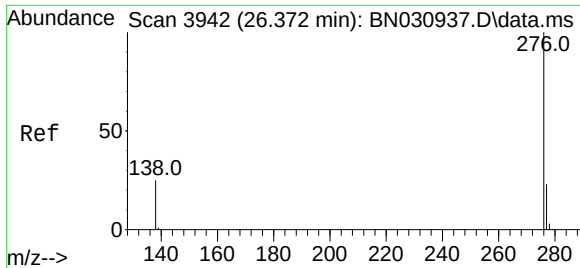
Ion Ratio Lower Upper

278 100

139 135.9 16.3 24.5#

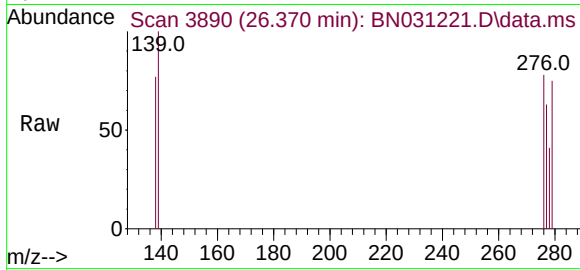
279 115.6 20.6 31.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.022 ng
 RT: 26.370 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN031221.D
 Acq: 25 Apr 2024 15:52

Instrument :
 BNA_N
 ClientSampleId :
 PB160336BL



Tgt Ion: 276 Resp: 853

Ion	Ratio	Lower	Upper
276	100		
277	81.5	19.4	29.2#
138	99.5	21.0	31.4#

