

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031231.D
 Acq On : 25 Apr 2024 21:57
 Operator : MA/JU
 Sample : PB160504BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160504BL

Quant Time: Apr 25 23:45:56 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)

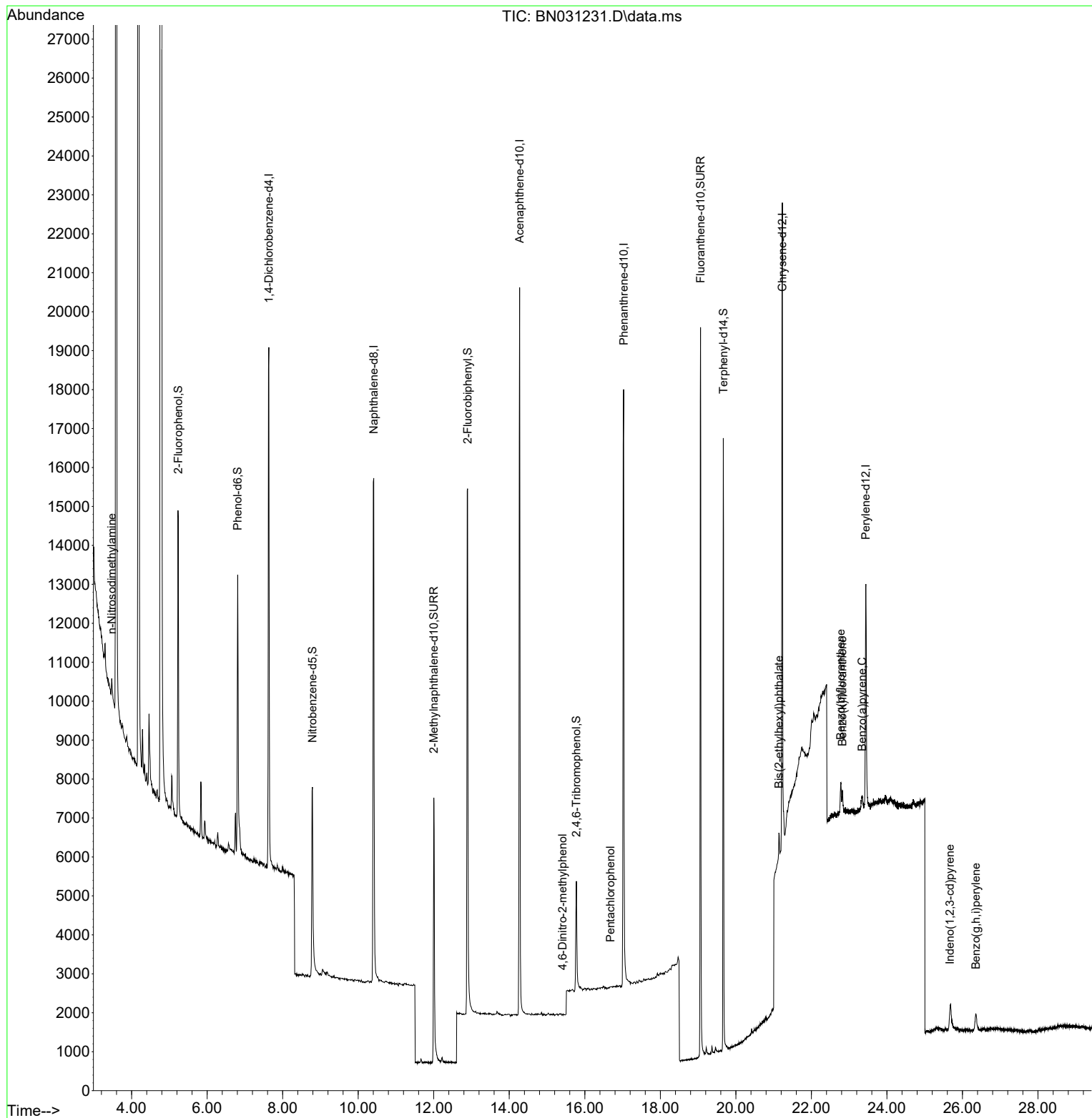
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7033	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	20674	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	11374	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	25226	0.400	ng	0.00
29) Chrysene-d12	21.229	240	16460	0.400	ng	0.00
35) Perylene-d12	23.440	264	7474	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	6859	0.438	ng	0.00
5) Phenol-d6	6.808	99	7996	0.421	ng	0.00
8) Nitrobenzene-d5	8.788	82	5250	0.367	ng	0.01
11) 2-Methylnaphthalene-d10	12.002	152	10624	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1824	0.413	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	15117	0.395	ng	0.00
27) Fluoranthene-d10	19.063	212	20982	0.309	ng	0.00
31) Terphenyl-d14	19.667	244	15289	0.400	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.472	42	245	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.407	198	4	0.103	ng	# 1
24) Pentachlorophenol	16.681	266	9	0.128	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.139	149	1208	0.046	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.668	276	963	0.028	ng	# 89
37) Benzo(b)fluoranthene	22.777	252	1001	0.032	ng	# 1
38) Benzo(k)fluoranthene	22.823	252	679	0.022	ng	# 1
39) Benzo(a)pyrene	23.344	252	517	0.020	ng	# 1
41) Benzo(g,h,i)perylene	26.355	276	894	0.029	ng	# 13

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

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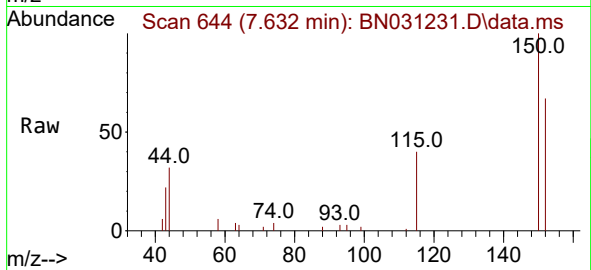
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
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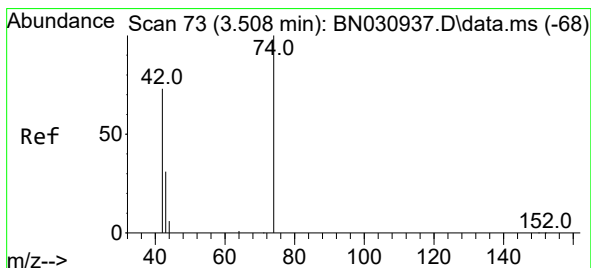
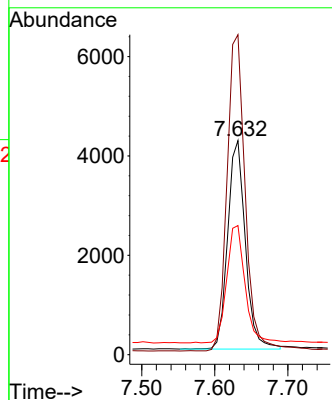
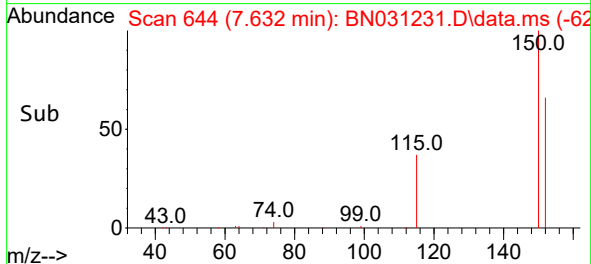


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.632 min Scan# 64
Delta R.T. 0.008 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

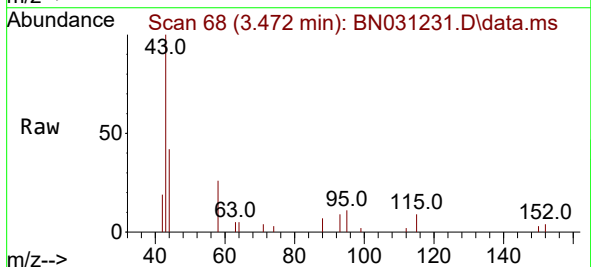
Instrument :
BNA_N
ClientSampleId :
PB160504BL



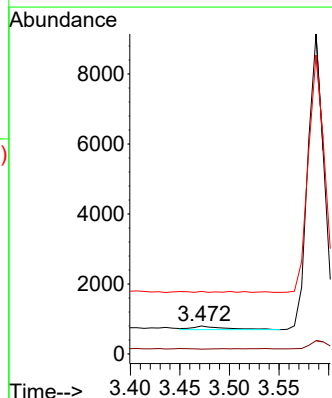
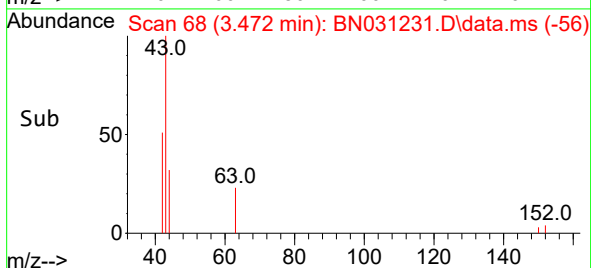
Tgt Ion:152 Resp: 7033
Ion Ratio Lower Upper
152 100
150 149.5 121.7 182.5
115 60.4 47.8 71.8

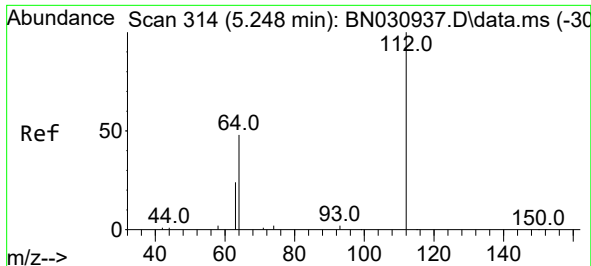


#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.472 min Scan# 68
Delta R.T. -0.014 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57



Tgt Ion: 42 Resp: 245
Ion Ratio Lower Upper
42 100
74 0.0 103.1 154.7#
44 0.0 7.0 10.6#

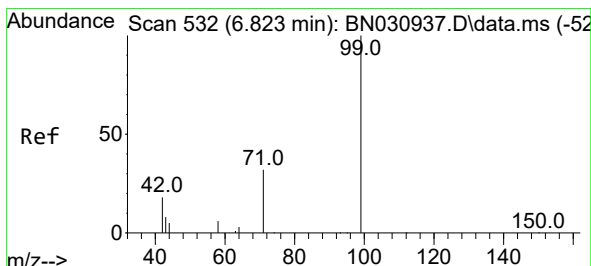
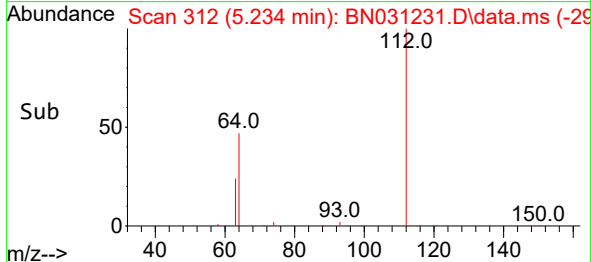
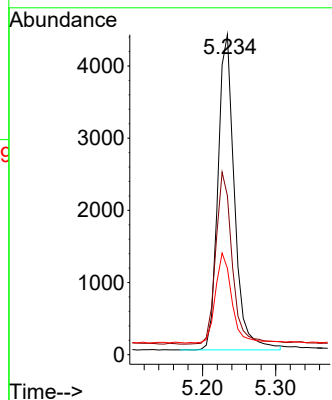
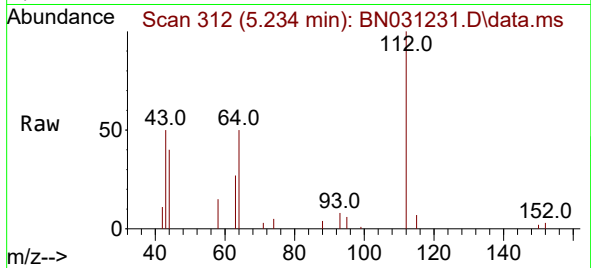




#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.234 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

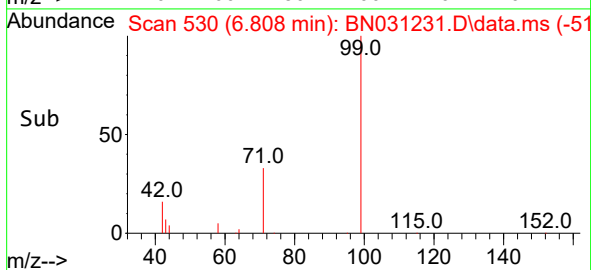
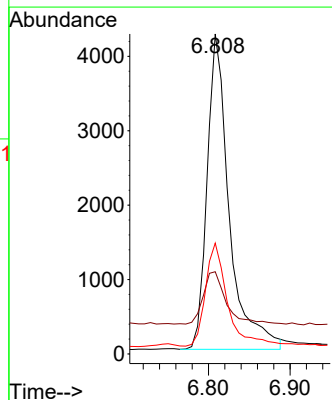
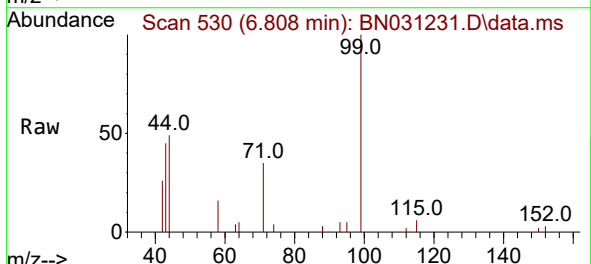
Instrument :
BNA_N
ClientSampleId :
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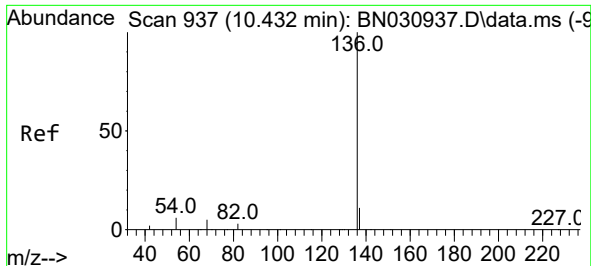
Tgt Ion:112 Resp: 6859
Ion Ratio Lower Upper
112 100
64 54.3 43.4 65.2
63 28.2 22.2 33.2



#5
Phenol-d6
Concen: 0.421 ng
RT: 6.808 min Scan# 530
Delta R.T. -0.000 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

Tgt Ion: 99 Resp: 7996
Ion Ratio Lower Upper
99 100
42 16.9 16.4 24.6
71 32.4 26.3 39.5

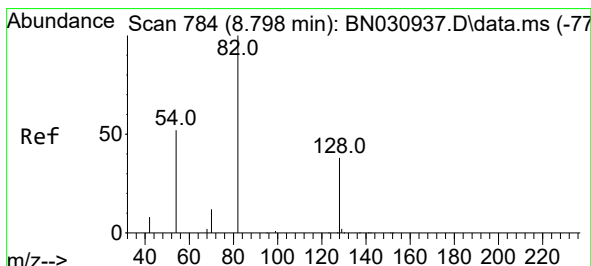
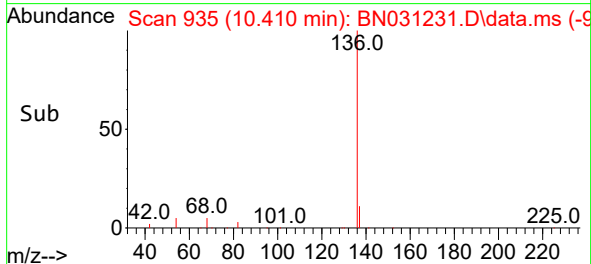
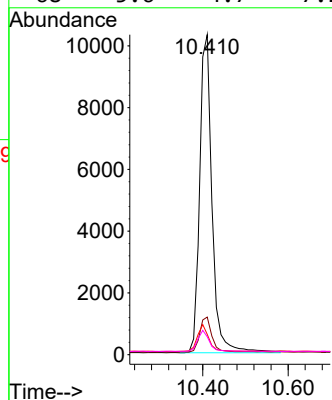
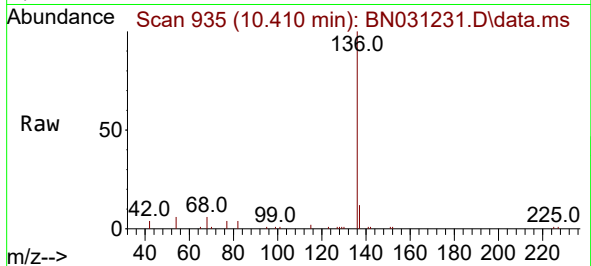




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

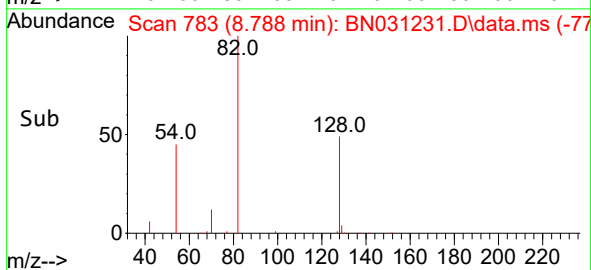
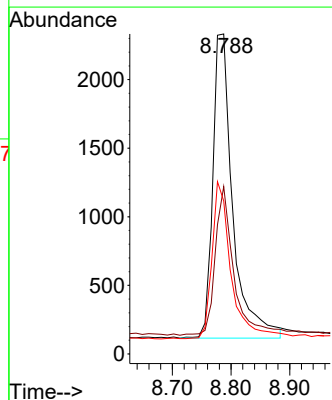
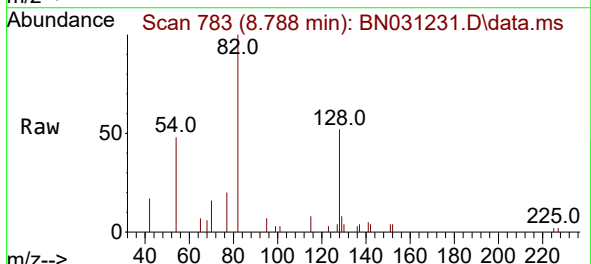
Instrument :
BNA_N
ClientSampleId :
PB160504BL

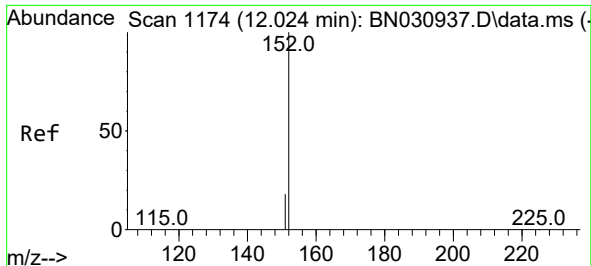
Tgt Ion:136	Resp:	20674
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.4 14.0
54	6.4	5.3 7.9
68	5.6	4.7 7.1



#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.788 min Scan# 783
Delta R.T. 0.011 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

Tgt Ion: 82	Resp:	5250
Ion Ratio	Lower	Upper
82	100	
128	52.3	33.7 50.5#
54	47.8	43.7 65.5

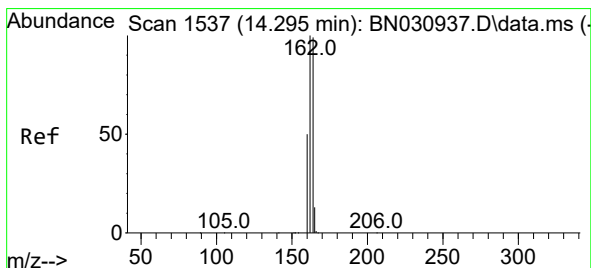
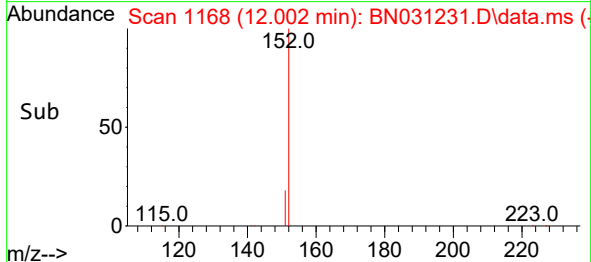
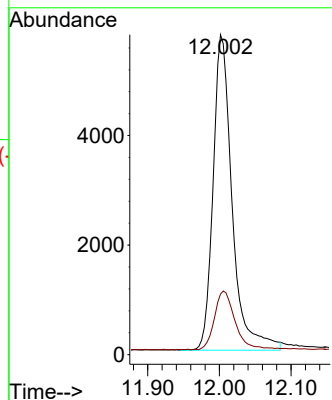
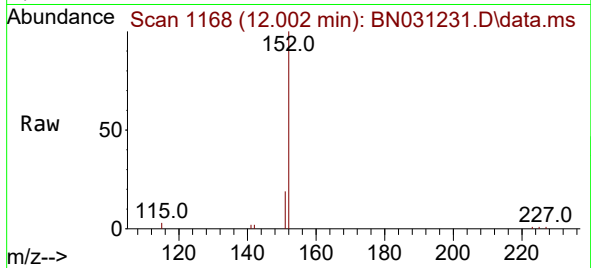




#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.002 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

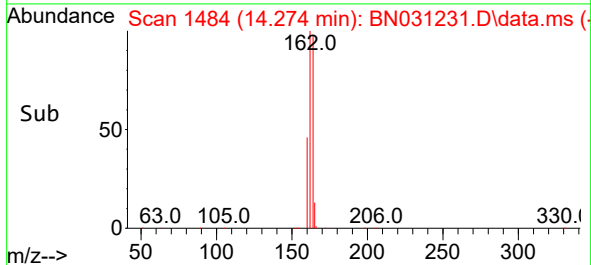
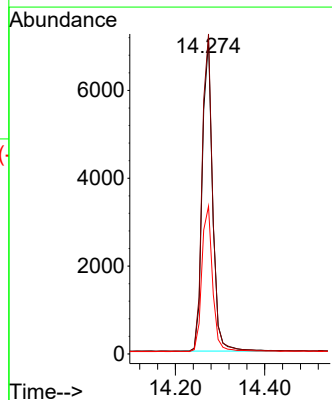
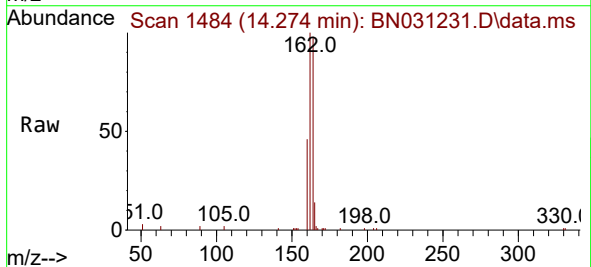
Instrument :
BNA_N
ClientSampleId :
PB160504BL

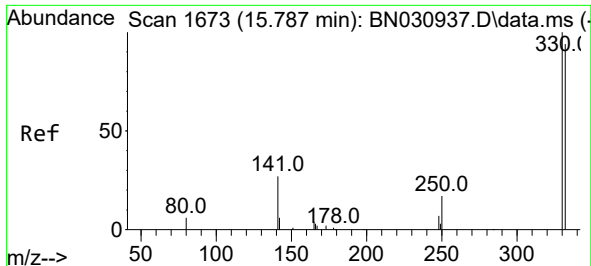
Tgt Ion:152 Resp: 10624
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

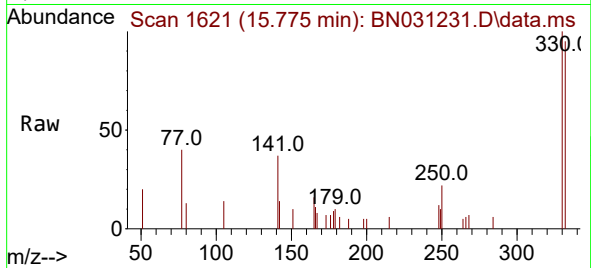
Tgt Ion:164 Resp: 11374
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 47.1 40.7 61.1



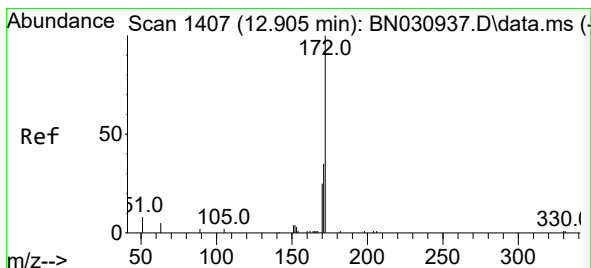
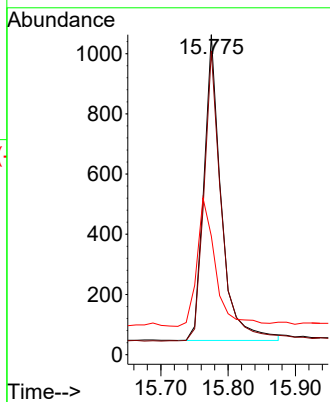
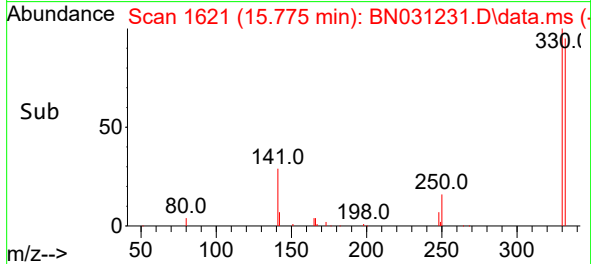


#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

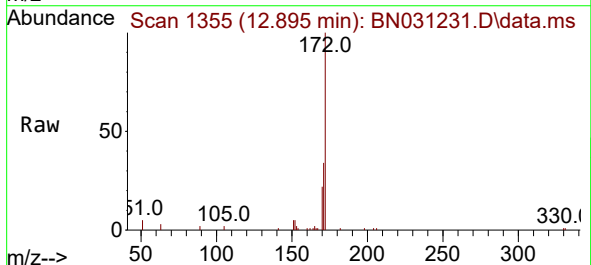
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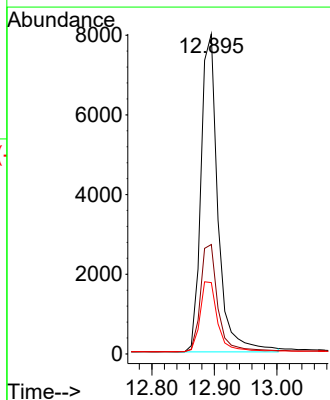
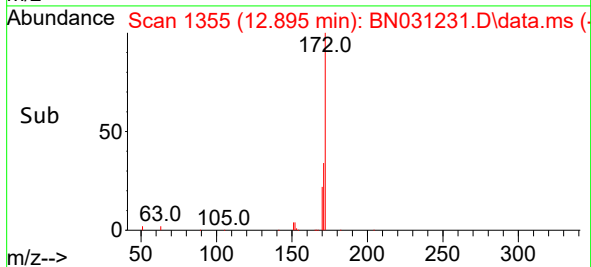
Tgt Ion: 330 Resp: 1824
Ion Ratio Lower Upper
330 100
332 96.2 74.2 111.2
141 45.1 37.2 55.8

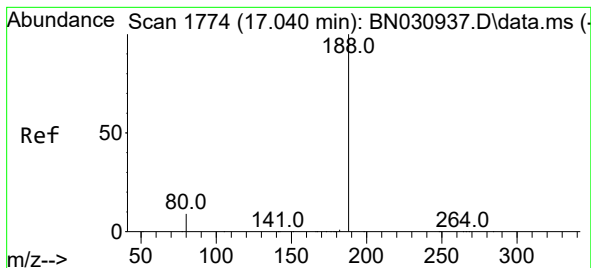


#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57



Tgt Ion: 172 Resp: 15117
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.3 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031231.D

Acq: 25 Apr 2024 21:57

Instrument :

BNA_N

ClientSampleId :

PB160504BL

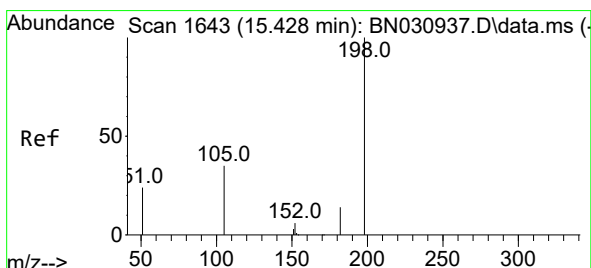
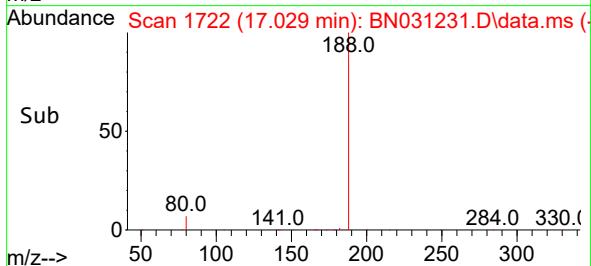
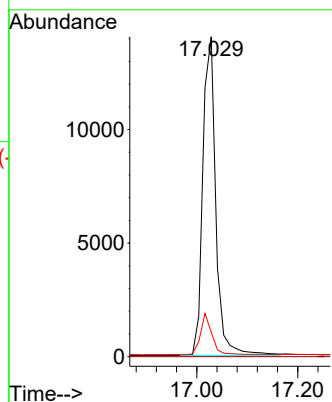
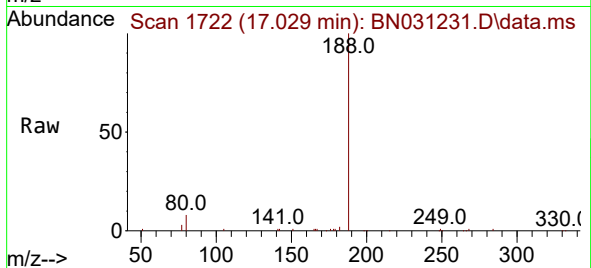
Tgt Ion:188 Resp: 25226

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 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: BN031231.D

Acq: 25 Apr 2024 21:57

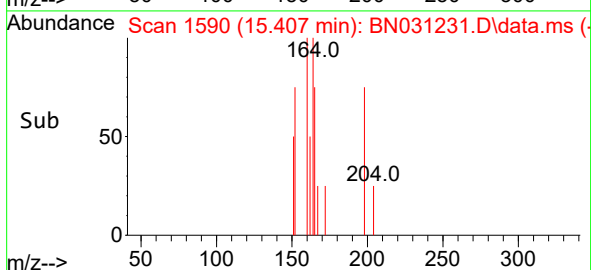
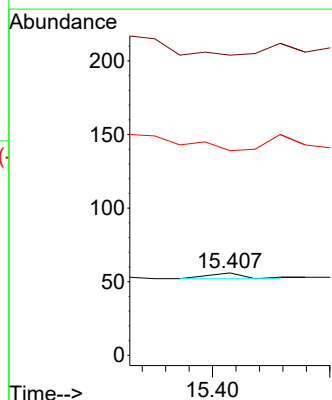
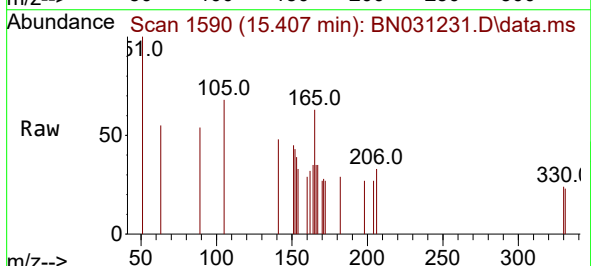
Tgt Ion:198 Resp: 4

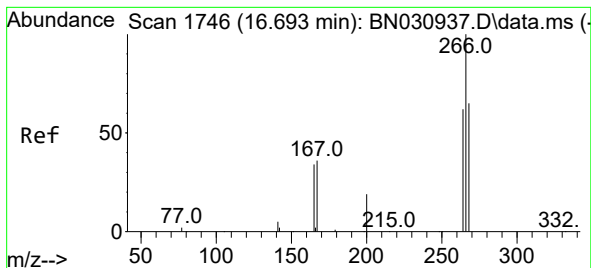
Ion Ratio Lower Upper

198 100

51 364.3 65.2 97.8#

105 248.2 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.128 ng

RT: 16.681 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031231.D

Acq: 25 Apr 2024 21:57

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PB160504BL

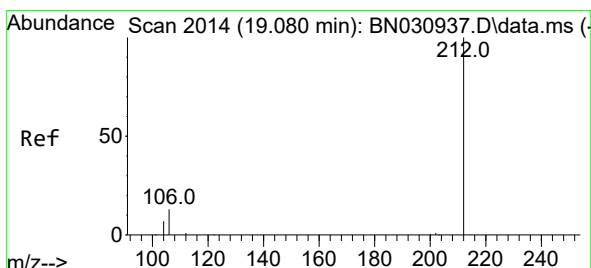
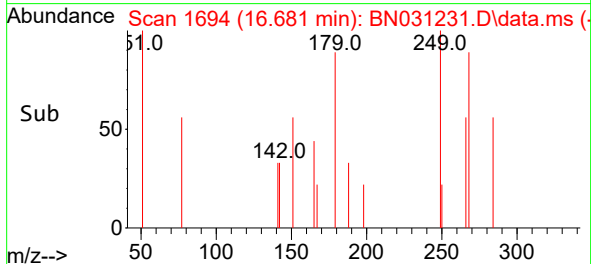
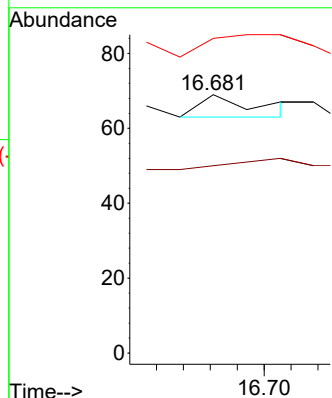
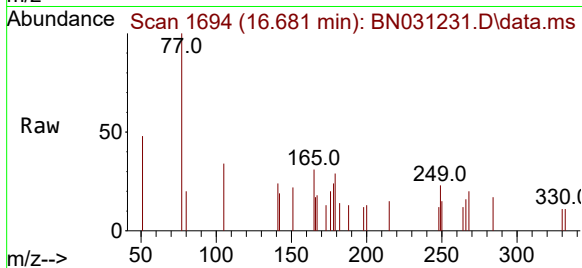
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 0.0 50.2 75.2#

268 433.3 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.309 ng

RT: 19.063 min Scan# 1961

Delta R.T. -0.005 min

Lab File: BN031231.D

Acq: 25 Apr 2024 21:57

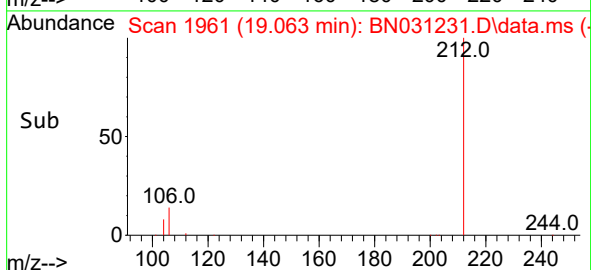
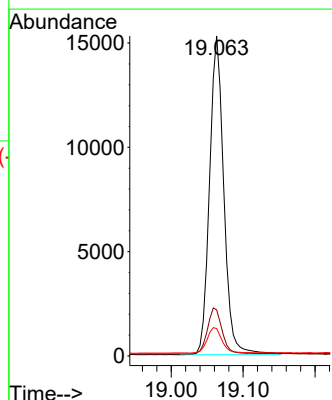
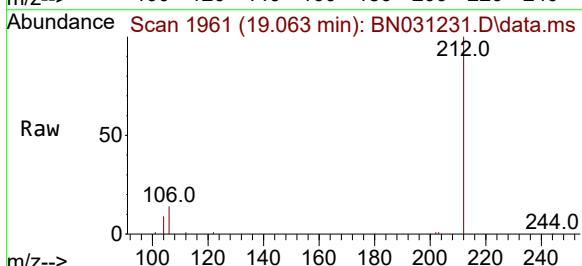
Tgt Ion:212 Resp: 20982

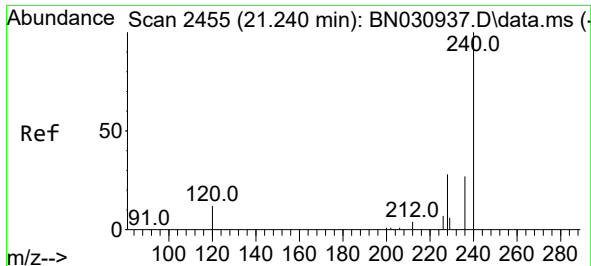
Ion Ratio Lower Upper

212 100

106 14.8 12.0 18.0

104 8.4 6.7 10.1

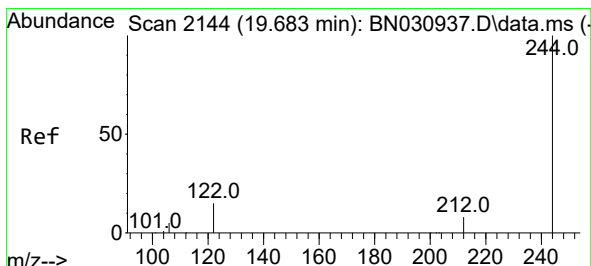
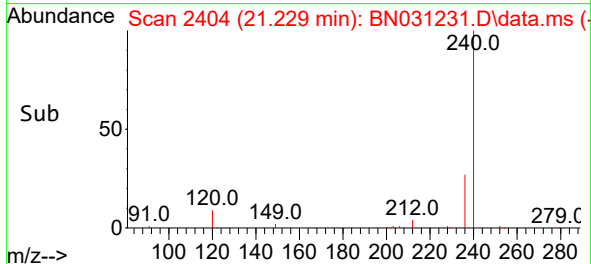
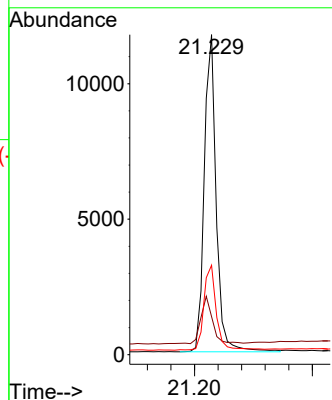
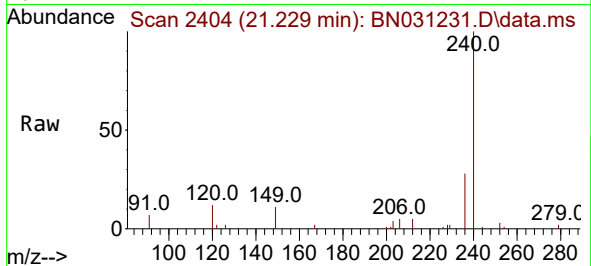




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

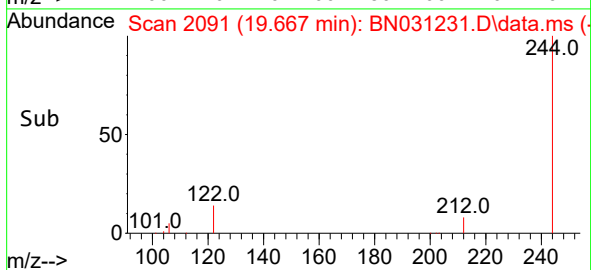
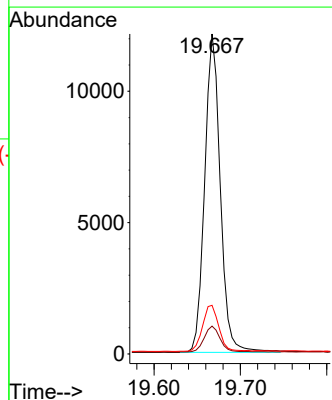
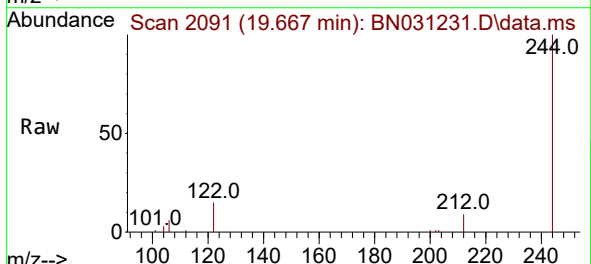
Instrument :
BNA_N
ClientSampleId :
PB160504BL

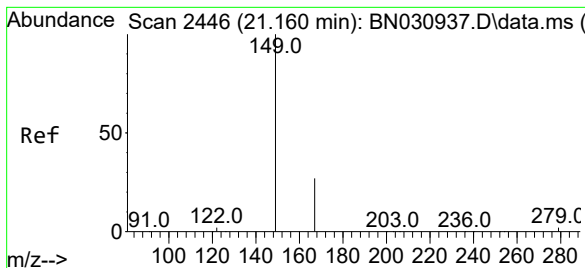
Tgt Ion:240 Resp: 16460
Ion Ratio Lower Upper
240 100
120 11.9 11.0 16.4
236 27.9 22.3 33.5



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

Tgt Ion:244 Resp: 15289
Ion Ratio Lower Upper
244 100
212 8.7 7.2 10.8
122 15.2 12.7 19.1

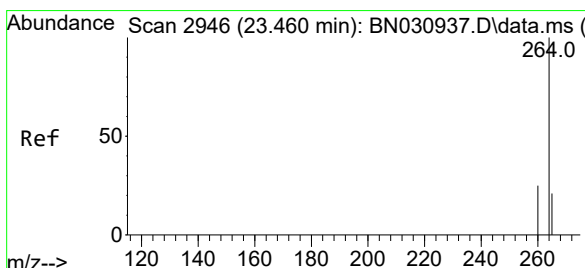
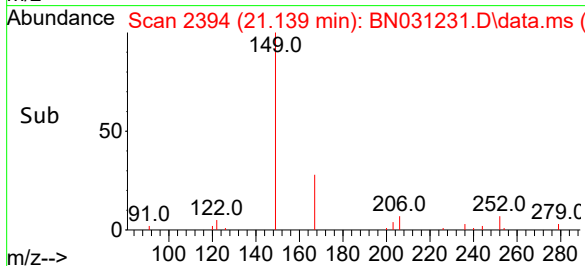
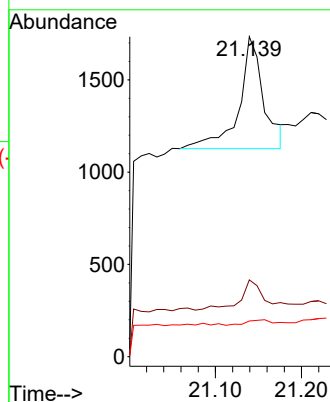
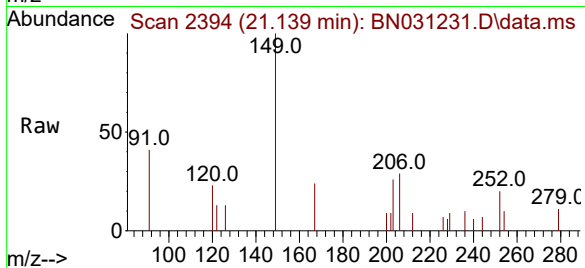




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.139 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN031231.D
 Acq: 25 Apr 2024 21:57

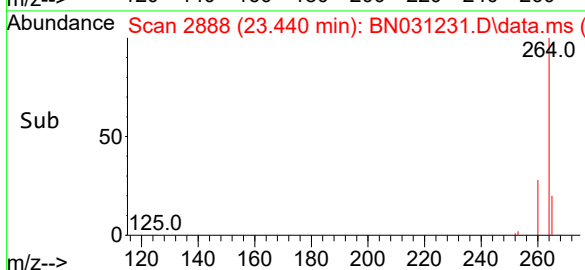
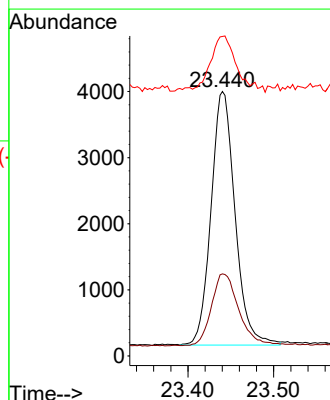
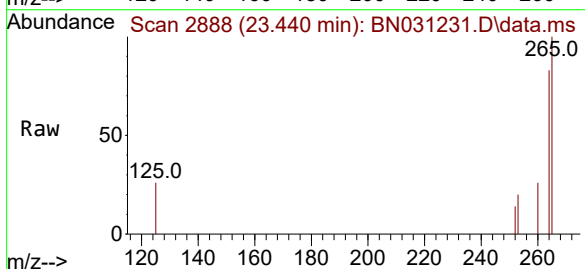
Instrument :
 BNA_N
 ClientSampleId :
 PB160504BL

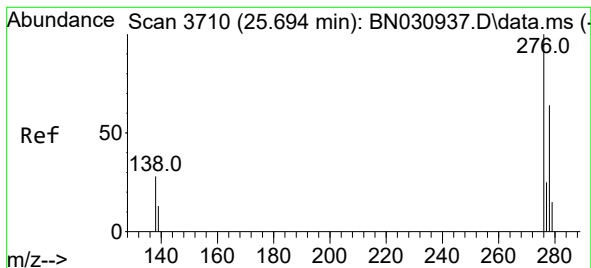
Tgt Ion:149 Resp: 1208
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.0 31.4
 279 6.0 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.440 min Scan# 2888
 Delta R.T. -0.015 min
 Lab File: BN031231.D
 Acq: 25 Apr 2024 21:57

Tgt Ion:264 Resp: 7474
 Ion Ratio Lower Upper
 264 100
 260 31.1 20.6 31.0#
 265 120.8 53.3 79.9#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.028 ng

RT: 25.668 min Scan# 3

Delta R.T. -0.015 min

Lab File: BN031231.D

Acq: 25 Apr 2024 21:57

Instrument :

BNA_N

ClientSampleId :

PB160504BL

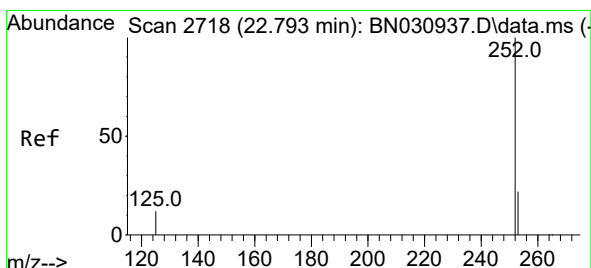
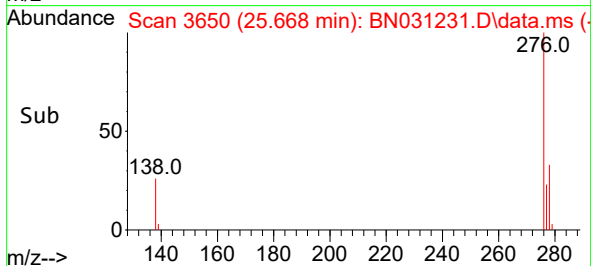
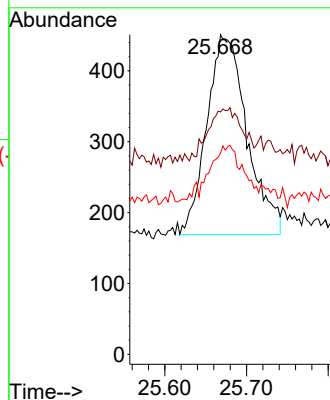
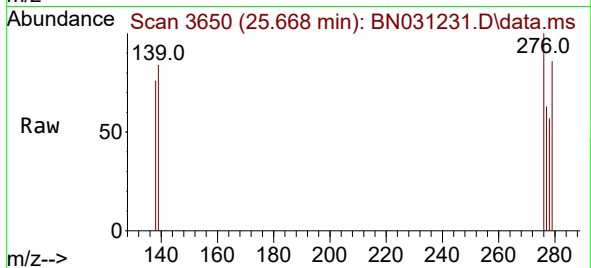
Tgt Ion:276 Resp: 963

Ion Ratio Lower Upper

276 100

138 22.5 23.1 34.7#

277 19.4 19.9 29.9#



#37

Benzo(b)fluoranthene

Concen: 0.032 ng

RT: 22.777 min Scan# 2661

Delta R.T. -0.009 min

Lab File: BN031231.D

Acq: 25 Apr 2024 21:57

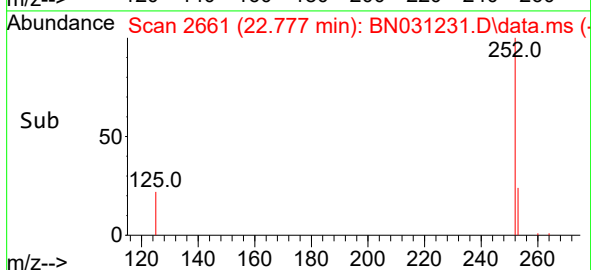
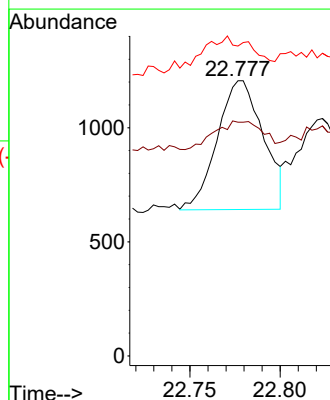
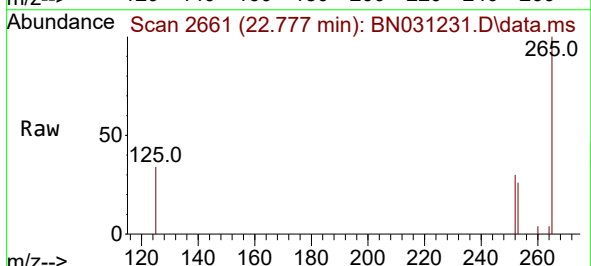
Tgt Ion:252 Resp: 1001

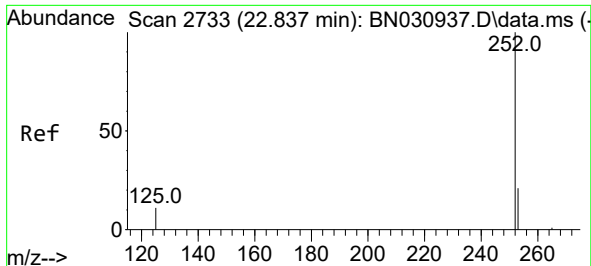
Ion Ratio Lower Upper

252 100

253 84.9 20.2 30.2#

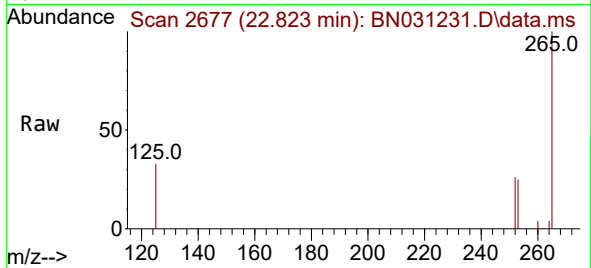
125 112.6 13.4 20.2#



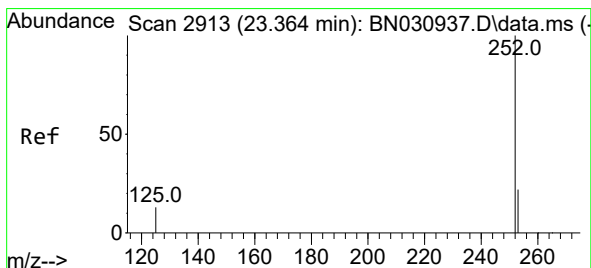
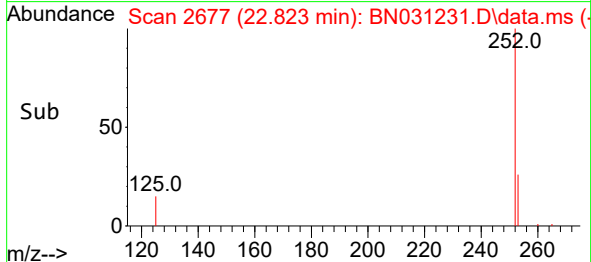
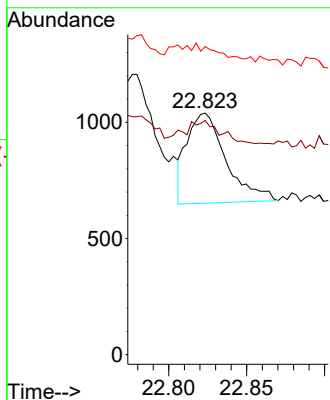


#38
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.823 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

Instrument :
BNA_N
ClientSampleId :
PB160504BL

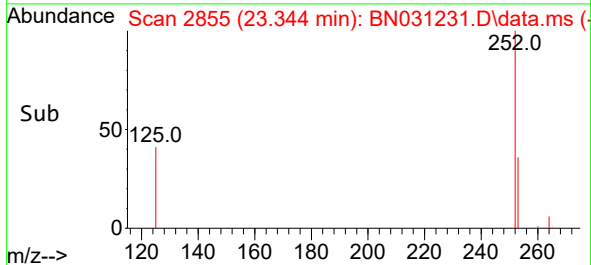
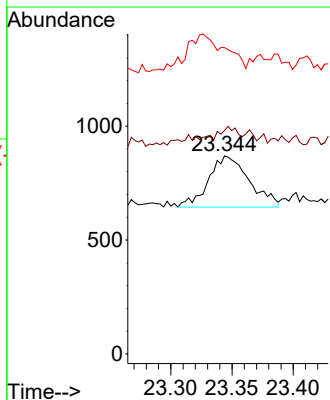
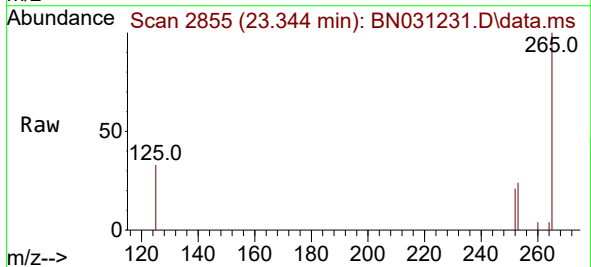


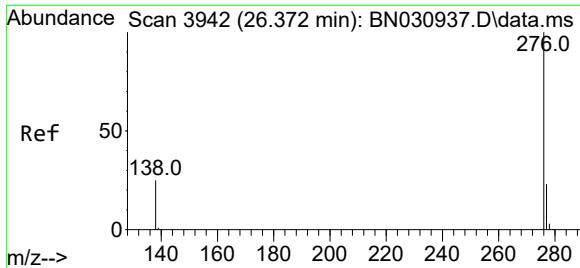
Tgt Ion:252 Resp: 679
Ion Ratio Lower Upper
252 100
253 96.9 19.9 29.9#
125 127.5 13.2 19.8#



#39
Benzo(a)pyrene
Concen: 0.020 ng
RT: 23.344 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BN031231.D
Acq: 25 Apr 2024 21:57

Tgt Ion:252 Resp: 517
Ion Ratio Lower Upper
252 100
253 112.8 21.4 32.2#
125 154.6 16.6 25.0#





#41

Benzo(g,h,i)perylene

Concen: 0.029 ng

RT: 26.355 min Scan# 3885

Delta R.T. -0.018 min

Lab File: BN031231.D

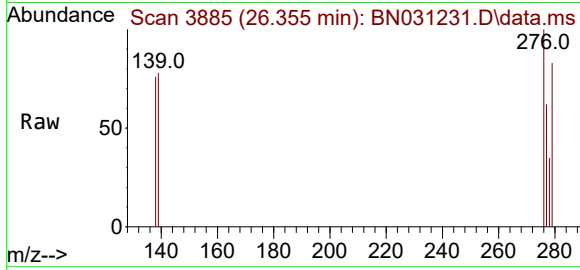
Acq: 25 Apr 2024 21:57

Instrument :

BNA_N

ClientSampleId :

PB160504BL



Tgt Ion:276 Resp: 894

Ion Ratio Lower Upper

276 100

277 61.7 19.4 29.2#

138 76.4 21.0 31.4#

