

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034106.D
 Acq On : 21 Sep 2024 03:16
 Operator : JU/RC
 Sample : P4003-15
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20240913

Quant Time: Sep 21 04:12:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

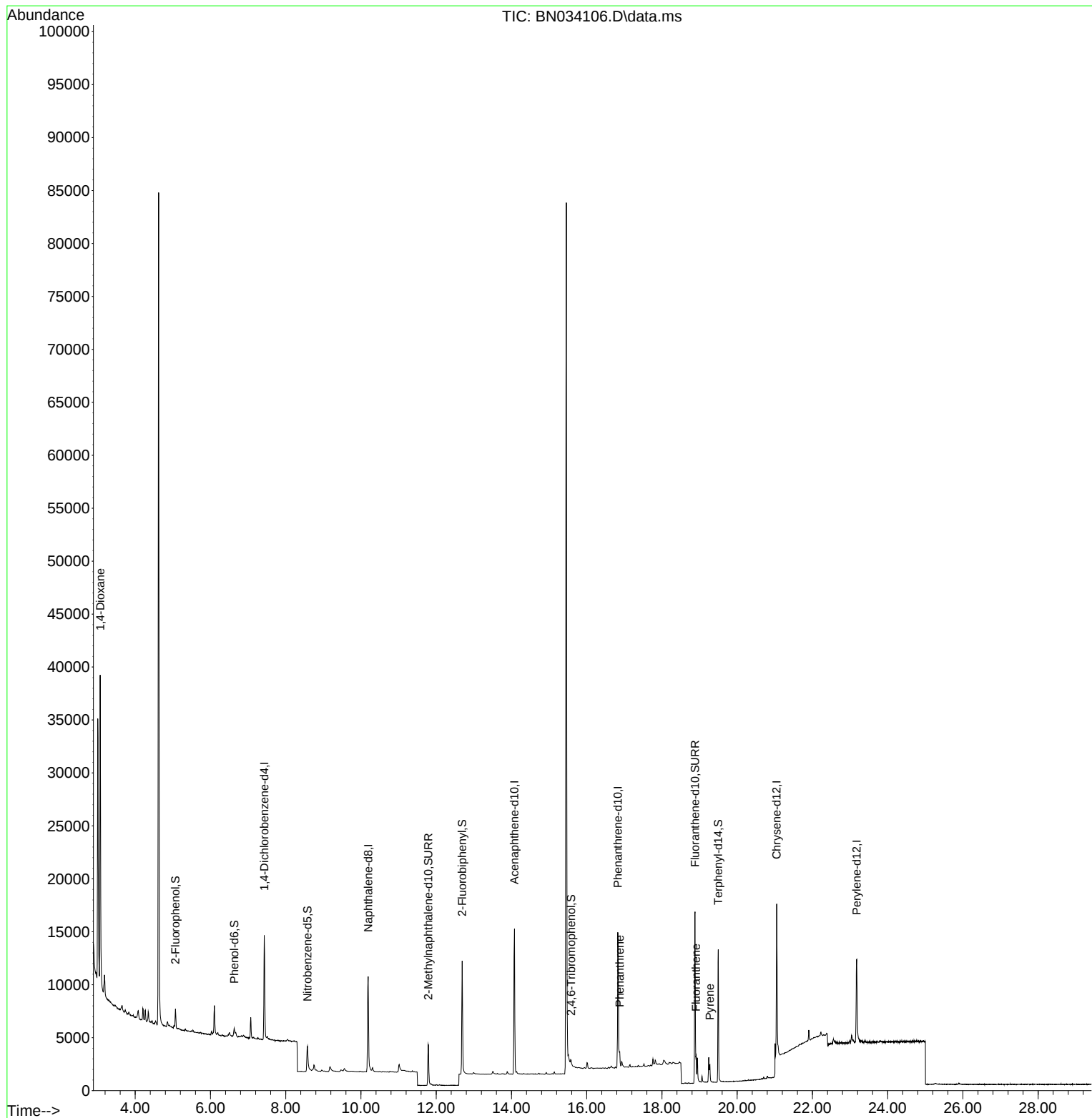
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4729	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13337	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	7991	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	17810	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	13752	0.400	ng	0.00
35) Perylene-d12	23.175	264	10974	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1358	0.101	ng	0.00
5) Phenol-d6	6.629	99	849	0.054	ng	0.00
8) Nitrobenzene-d5	8.579	82	2736	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	5960	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	287	0.079	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	9446	0.291	ng	-0.01
27) Fluoranthene-d10	18.878	212	18228	0.406	ng	0.00
31) Terphenyl-d14	19.496	244	11962	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	15796	2.672	ng	# 84
25) Phenanthrene	16.877	178	1474	0.029	ng	99
28) Fluoranthene	18.906	202	1928	0.033	ng	# 94
30) Pyrene	19.273	202	1502	0.026	ng	# 93

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

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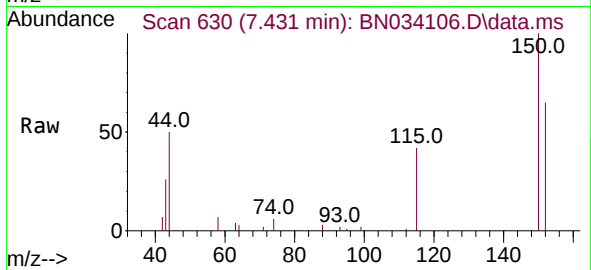
Quant Time: Sep 21 04:12:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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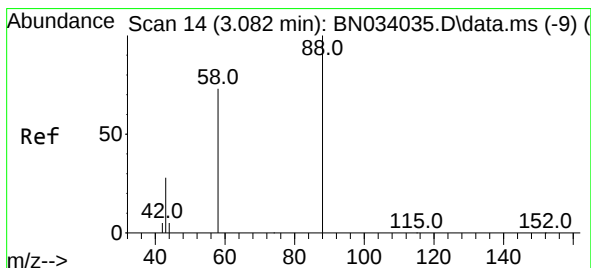
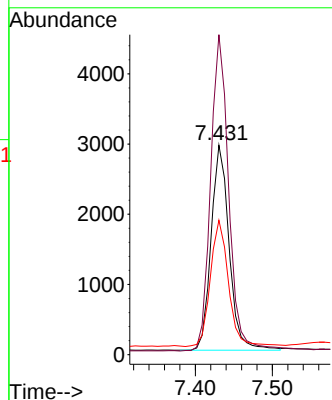
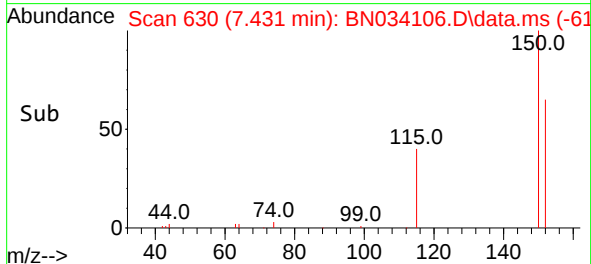


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

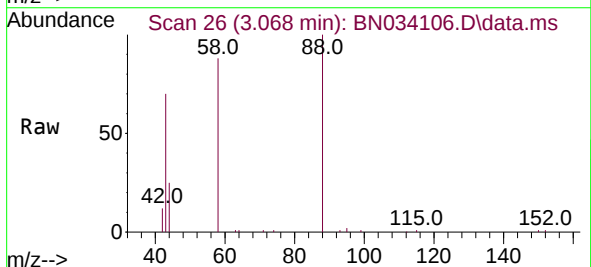
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240913



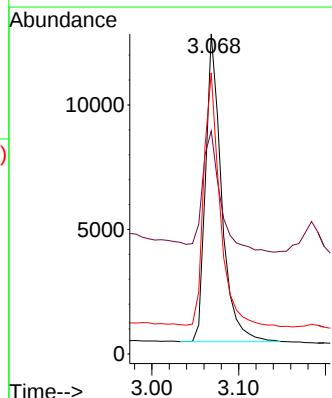
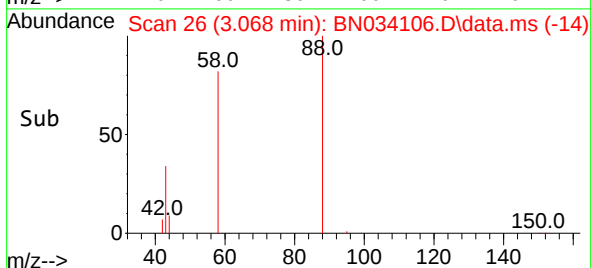
Tgt Ion:152 Resp: 4729
Ion Ratio Lower Upper
152 100
150 152.8 124.6 187.0
115 64.2 50.0 75.0



#2
1,4-Dioxane
Concen: 2.672 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16



Tgt Ion: 88 Resp: 15796
Ion Ratio Lower Upper
88 100
43 44.5 25.8 38.8#
58 84.6 58.8 88.2

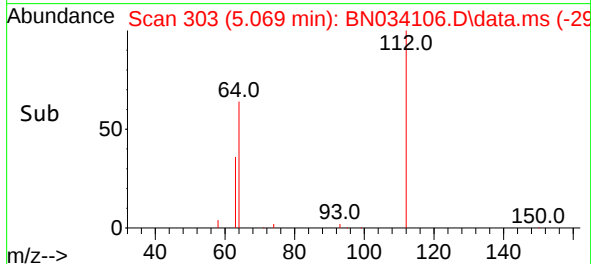
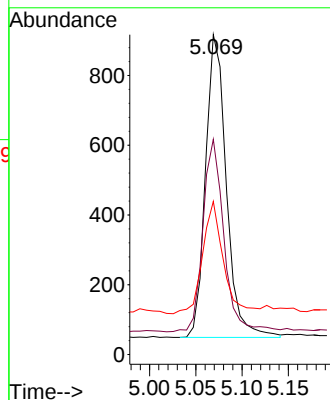
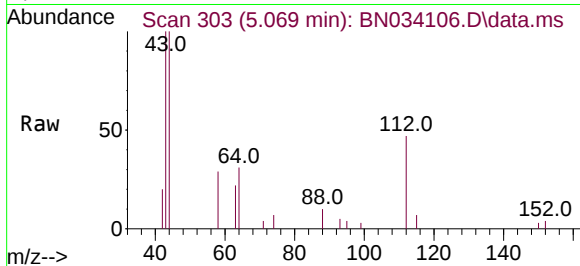




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

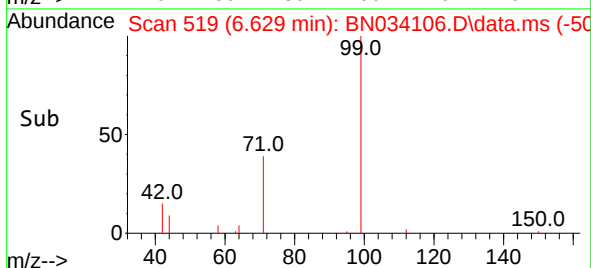
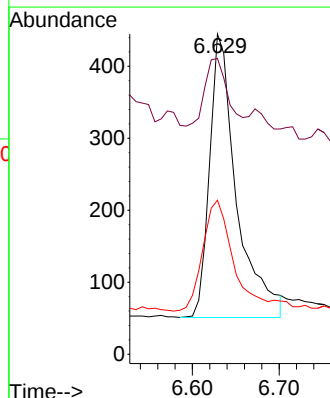
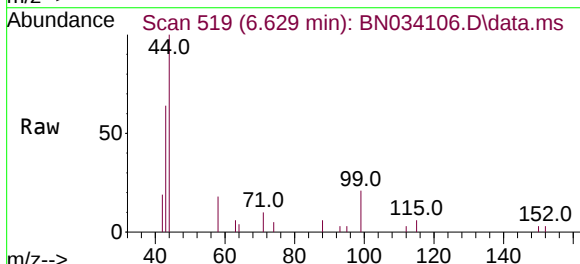
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240913

Tgt Ion:112 Resp: 1358
Ion Ratio Lower Upper
112 100
64 63.9 48.6 72.8
63 36.9 25.6 38.4



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

Tgt Ion: 99 Resp: 849
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.8
71 45.3 26.2 39.2#

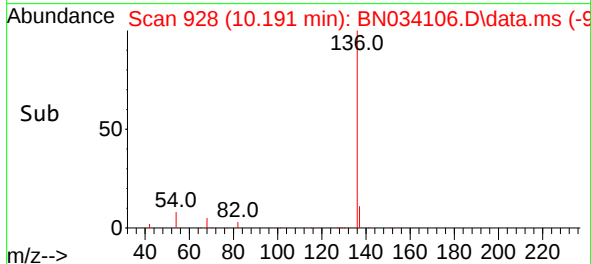
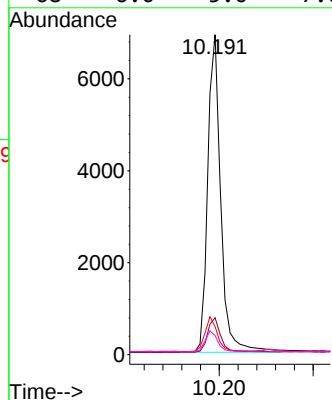
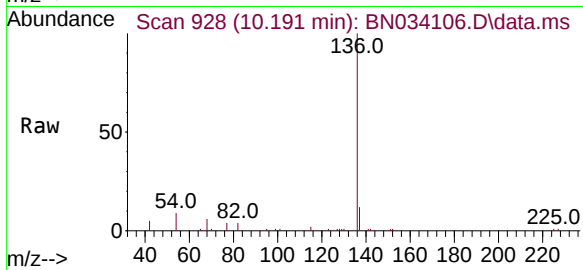




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

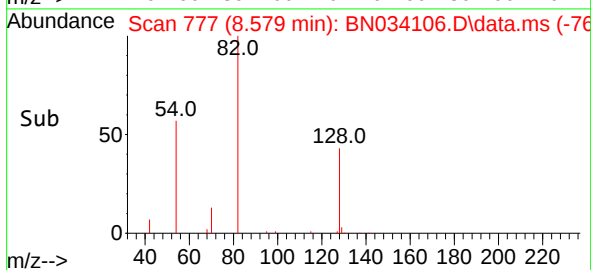
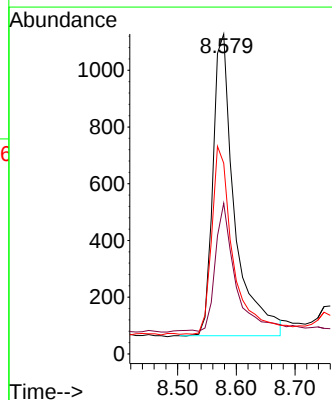
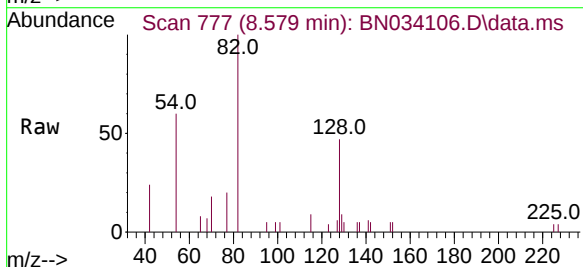
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240913

Tgt Ion:	136	Resp:	13337
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.8	6.8	10.2
68	6.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

Tgt Ion:	82	Resp:	2736
Ion	Ratio	Lower	Upper
82	100		
128	47.1	31.4	47.2
54	59.6	47.4	71.0

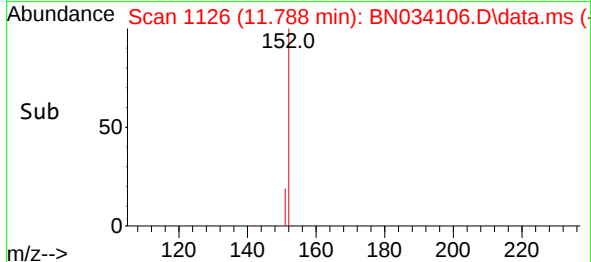
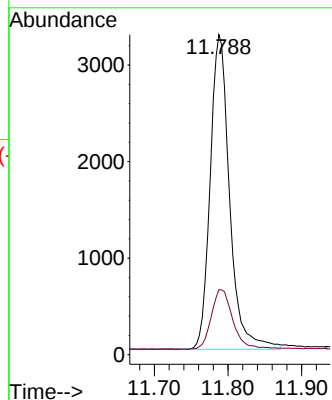
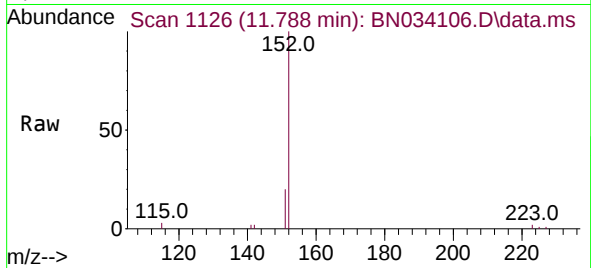




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

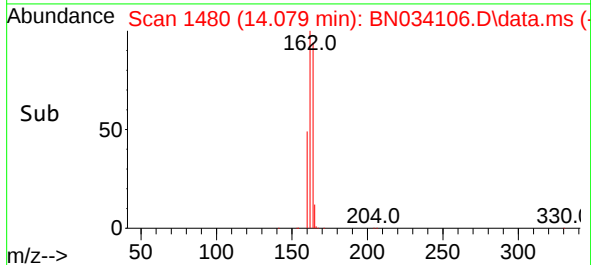
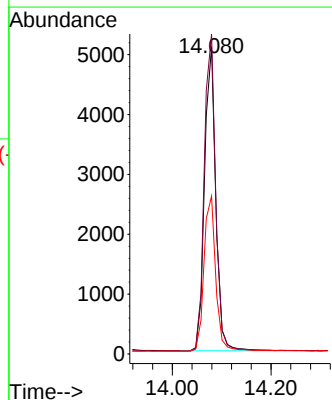
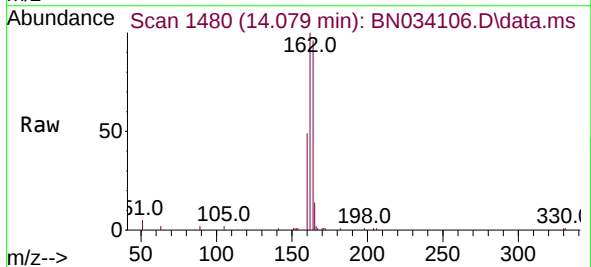
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240913

Tgt Ion:152 Resp: 5960
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

Tgt Ion:164 Resp: 7991
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.2
160 51.4 41.7 62.5

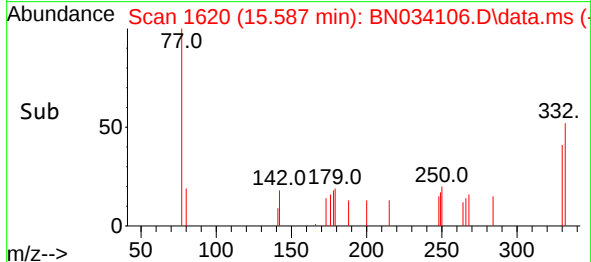
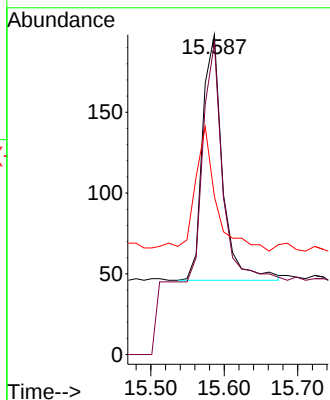
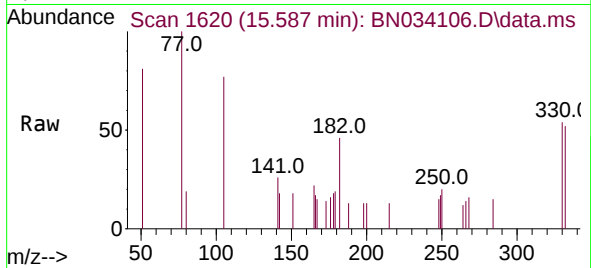




#14
2,4,6-Tribromophenol
Concen: 0.079 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

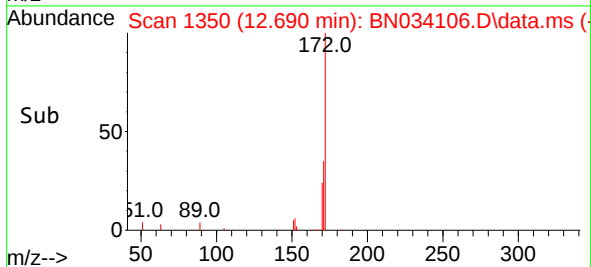
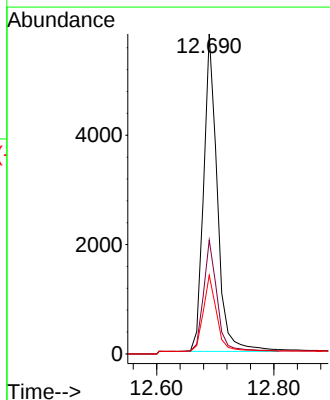
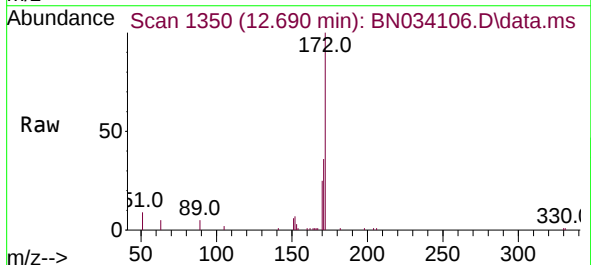
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240913

Tgt Ion:330 Resp: 287
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 54.0 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

Tgt Ion:172 Resp: 9446
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.6 18.1 27.1

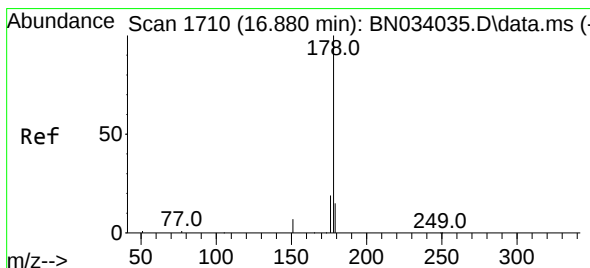
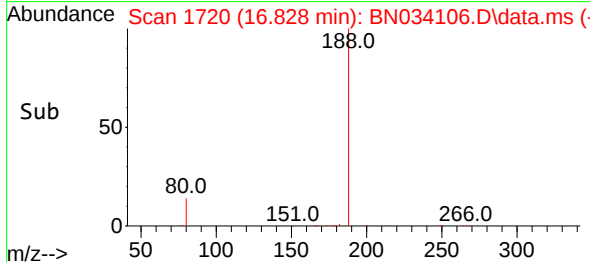
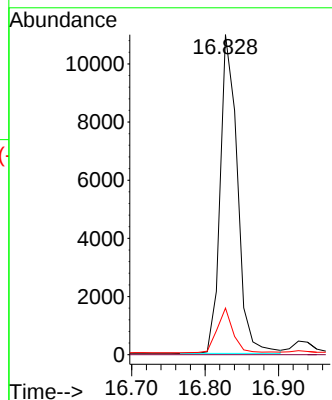
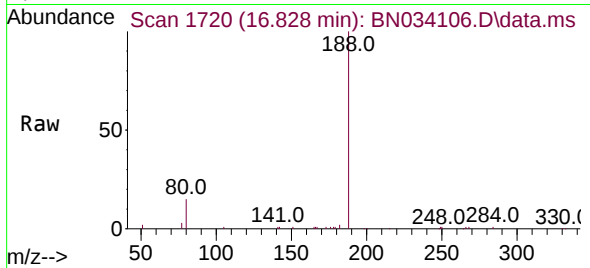




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 1720
Delta R.T. -0.015 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

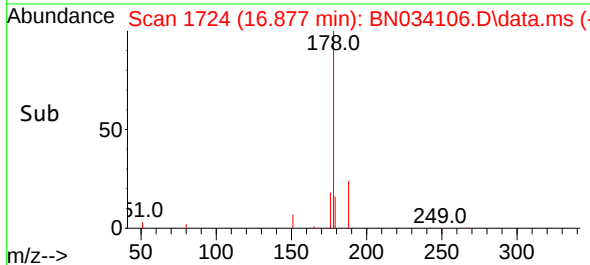
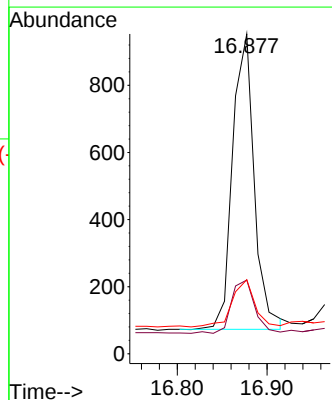
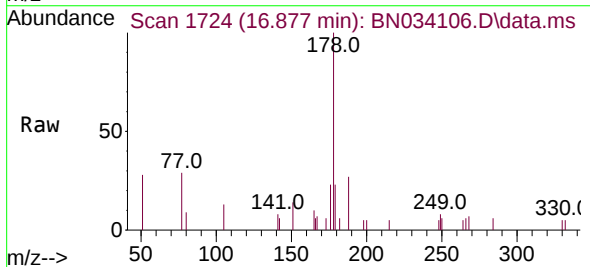
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240913

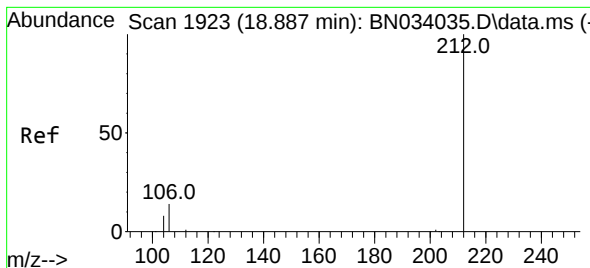
Tgt Ion:188 Resp: 17810
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 7.4 11.0#



#25
Phenanthrene
Concen: 0.029 ng
RT: 16.877 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BN034106.D
Acq: 21 Sep 2024 03:16

Tgt Ion:178 Resp: 1474
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.9 12.1 18.1





#27

Fluoranthene-d10

Concen: 0.406 ng

RT: 18.878 min Scan# 1923

Delta R.T. -0.008 min

Lab File: BN034106.D

Acq: 21 Sep 2024 03:16

Instrument :

BNA_N

ClientSampleId :

RE108D1-20240913

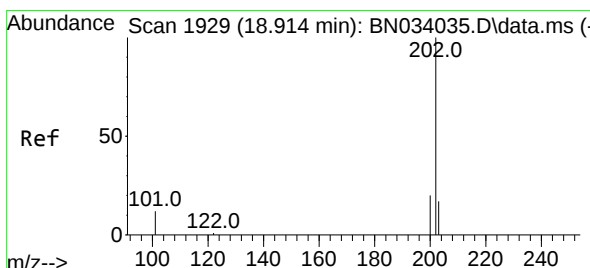
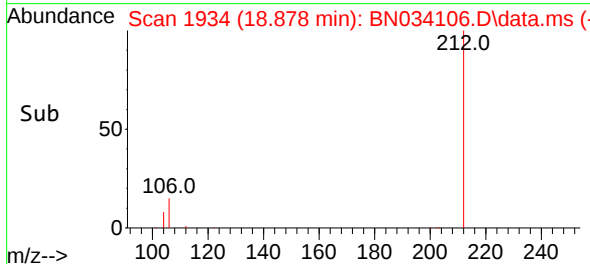
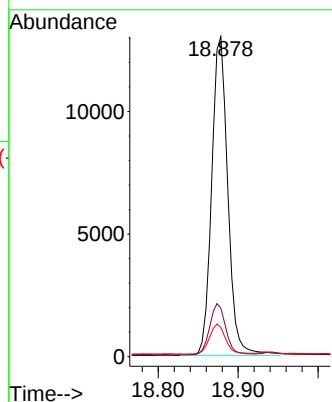
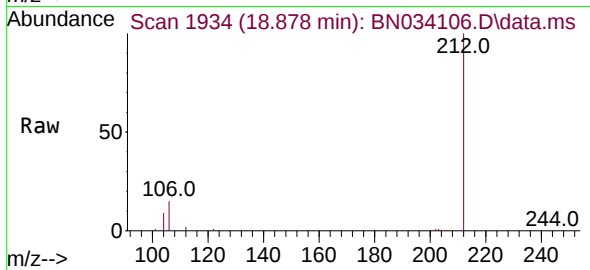
Tgt Ion:212 Resp: 18228

Ion Ratio Lower Upper

212 100

106 15.9 13.4 20.2

104 9.3 7.8 11.6



#28

Fluoranthene

Concen: 0.033 ng

RT: 18.906 min Scan# 1940

Delta R.T. -0.008 min

Lab File: BN034106.D

Acq: 21 Sep 2024 03:16

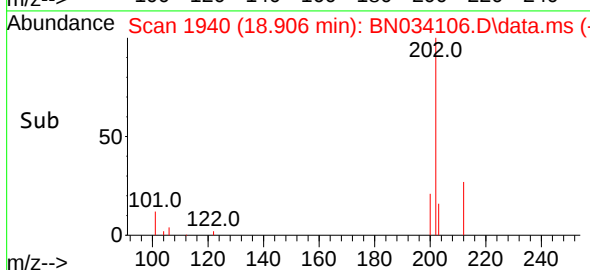
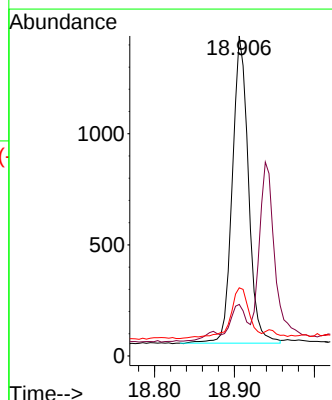
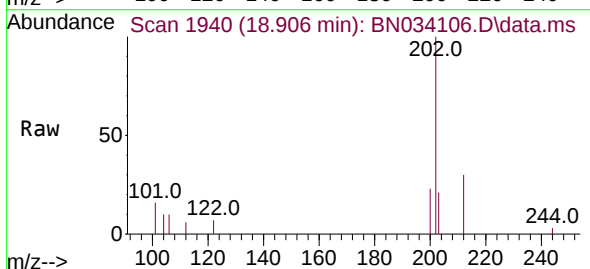
Tgt Ion:202 Resp: 1928

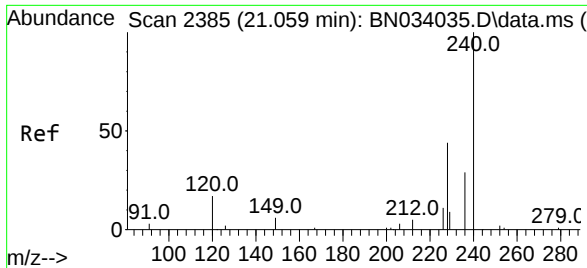
Ion Ratio Lower Upper

202 100

101 9.8 10.1 15.1#

203 19.4 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN034106.D

Acq: 21 Sep 2024 03:16

Instrument :

BNA_N

ClientSampleId :

RE108D1-20240913

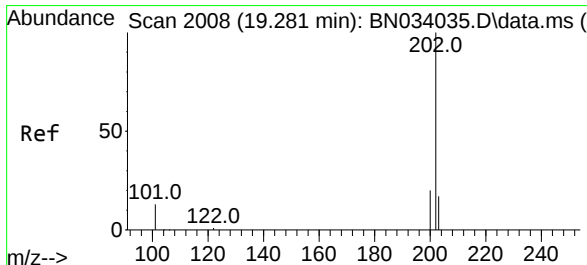
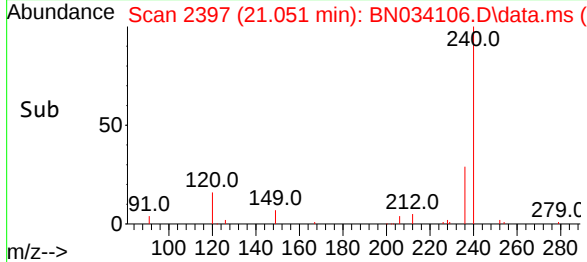
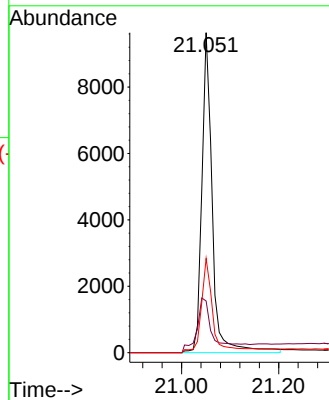
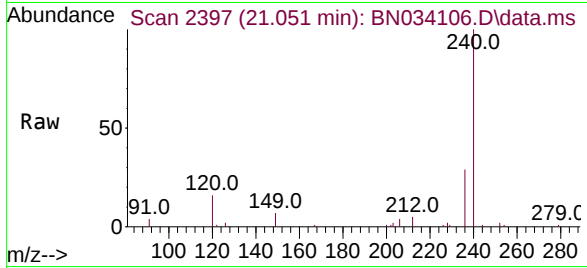
Tgt Ion:240 Resp: 13752

Ion Ratio Lower Upper

240 100

120 16.2 13.5 20.3

236 29.5 23.4 35.0



#30

Pyrene

Concen: 0.026 ng

RT: 19.273 min Scan# 2019

Delta R.T. -0.008 min

Lab File: BN034106.D

Acq: 21 Sep 2024 03:16

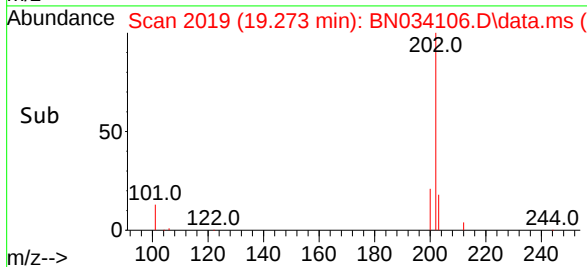
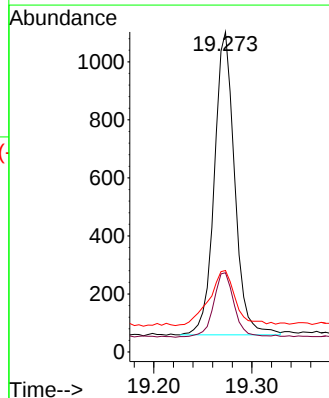
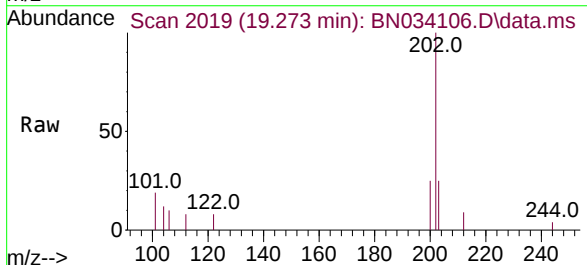
Tgt Ion:202 Resp: 1502

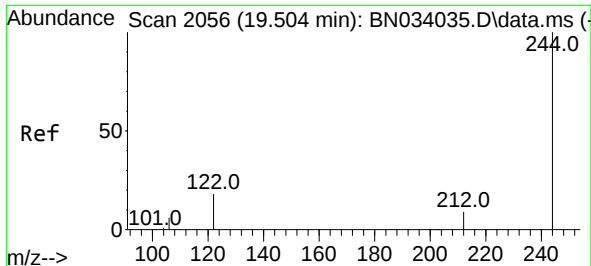
Ion Ratio Lower Upper

202 100

200 21.8 16.6 25.0

203 23.8 14.3 21.5#

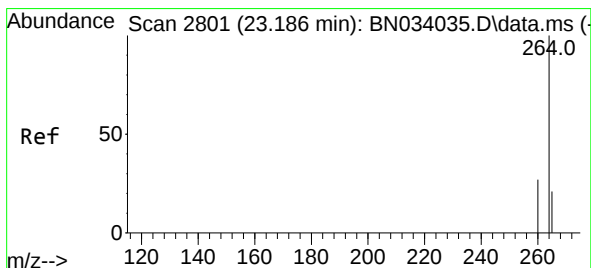
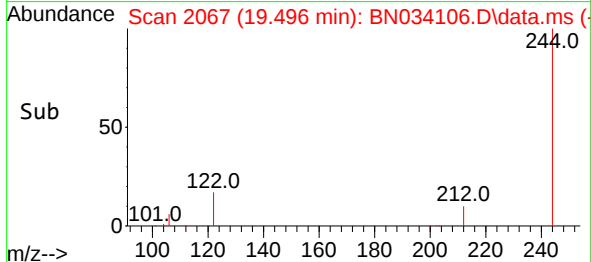
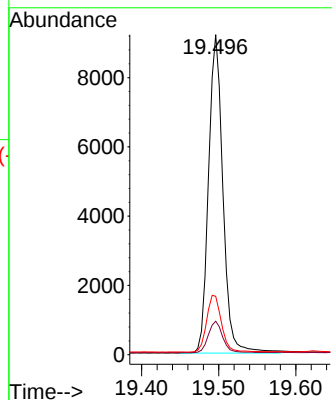
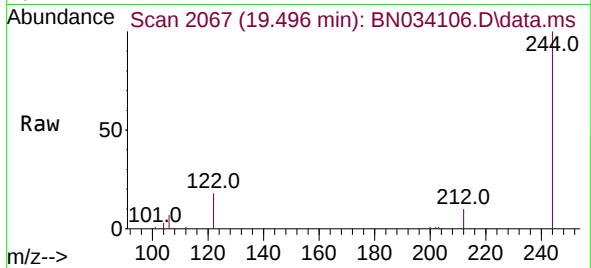




#31
 Terphenyl-d14
 Concen: 0.436 ng
 RT: 19.496 min Scan# 2056
 Delta R.T. -0.008 min
 Lab File: BN034106.D
 Acq: 21 Sep 2024 03:16

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20240913

Tgt Ion:244 Resp: 11962
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 18.3 14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.175 min Scan# 2812
 Delta R.T. -0.011 min
 Lab File: BN034106.D
 Acq: 21 Sep 2024 03:16

Tgt Ion:264 Resp: 10974
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.7 32.5
 265 70.5 52.1 78.1

