

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028957.D
 Acq On : 01 Dec 2023 21:12
 Operator : MA/JU
 Sample : 05357-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20231108

Quant Time: Dec 01 23:17:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

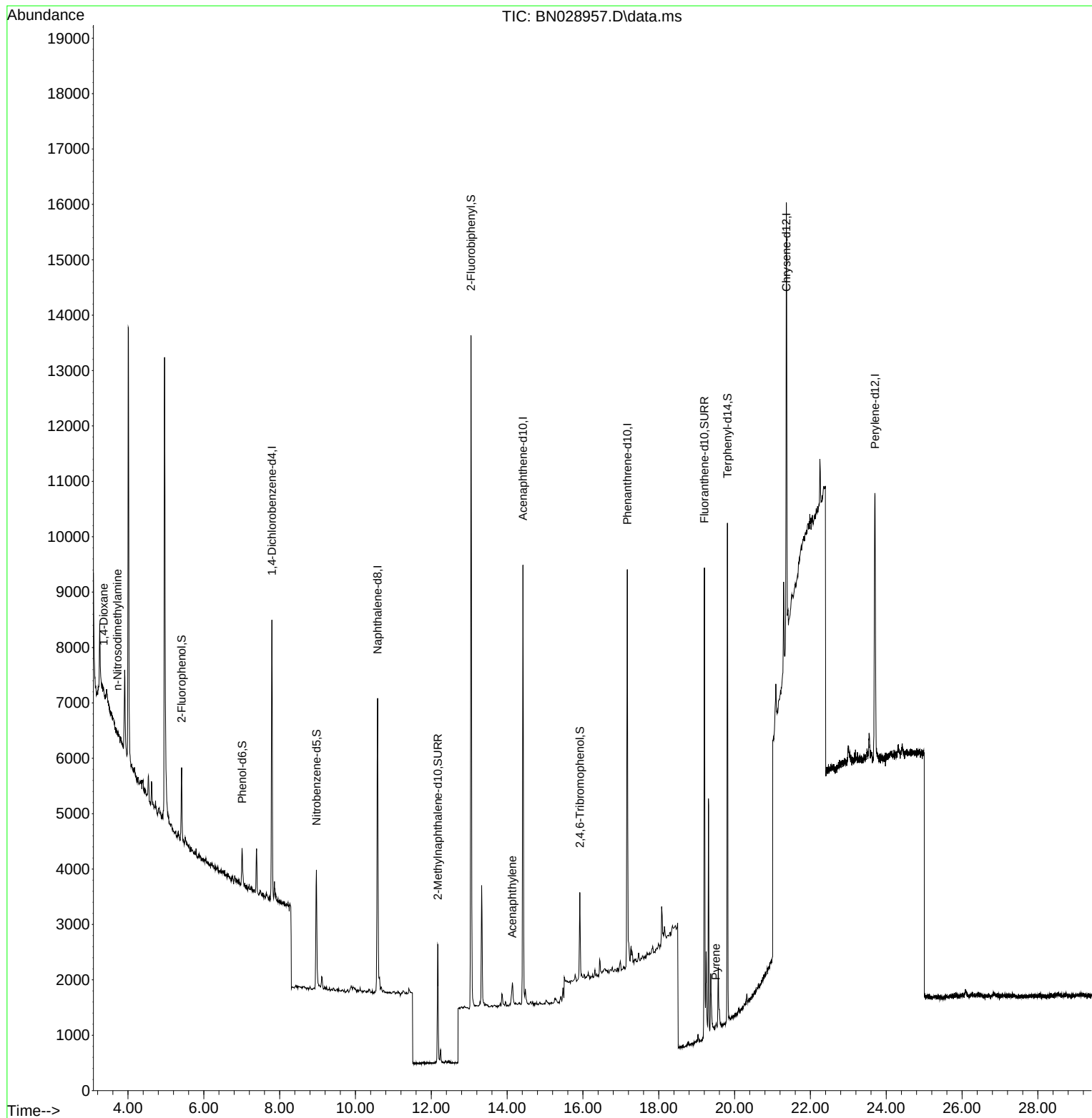
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2384	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	7199	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	4445	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9612	0.400	ng	0.00
29) Chrysene-d12	21.365	240	7364	0.400	ng	# 0.00
35) Perylene-d12	23.702	264	6836	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	917	0.127	ng	0.00
5) Phenol-d6	7.009	99	618	0.077	ng	0.00
8) Nitrobenzene-d5	8.971	82	1942	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2989	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	898	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	10028	0.522	ng	0.00
27) Fluoranthene-d10	19.204	212	9455	0.374	ng	0.00
31) Terphenyl-d14	19.813	244	8842	0.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.362	88	49	0.021	ng	# 73
3) n-Nitrosodimethylamine	3.723	42	57	0.107	ng	# 25
16) Acenaphthylene	14.140	152	890	0.038	ng	# 92
30) Pyrene	19.506	202	58	0.095	ng	96
34) Bis(2-ethylhexyl)phtha...	21.293	149	1855	Below Cal		# 89

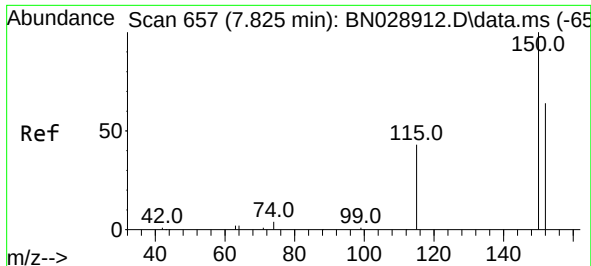
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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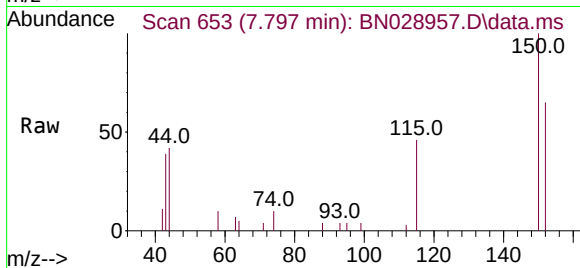
Quant Time: Dec 01 23:17:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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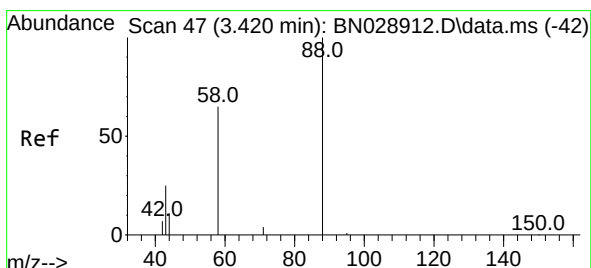
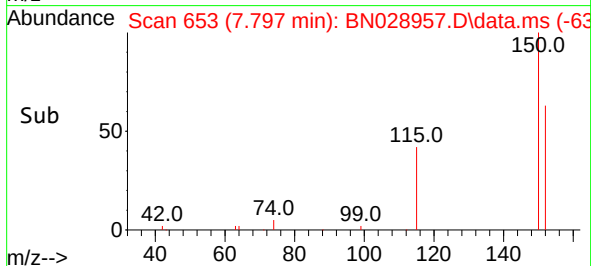
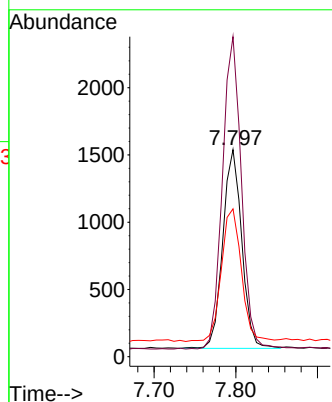
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028957.D
 Acq: 01 Dec 2023 21:12

Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20231108



Tgt Ion:152 Resp: 2384

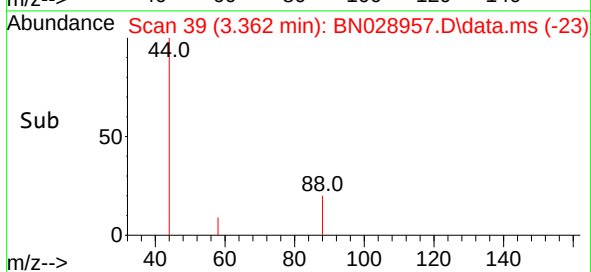
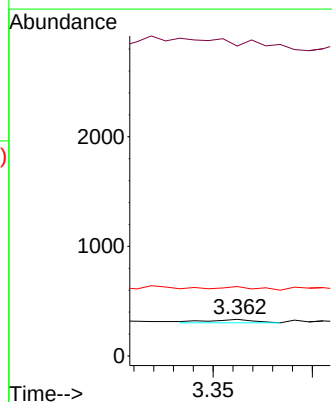
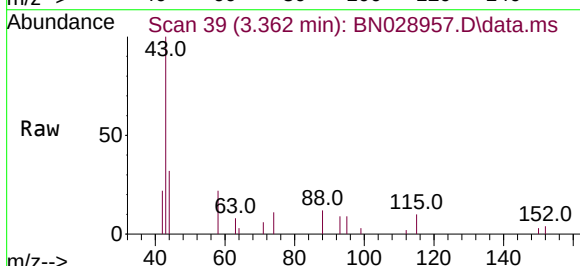
Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.4	185.2
115	71.4	59.1	88.7

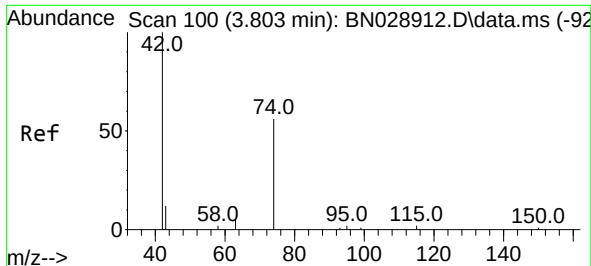


#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.362 min Scan# 39
 Delta R.T. 0.014 min
 Lab File: BN028957.D
 Acq: 01 Dec 2023 21:12

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.9	44.9#
58	75.5	55.0	82.4

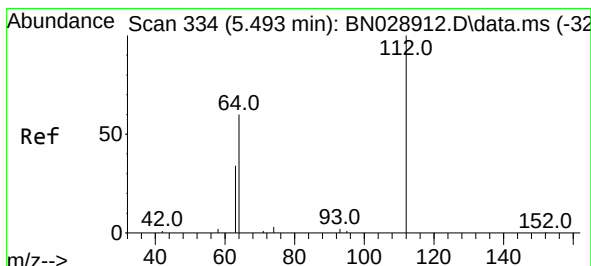
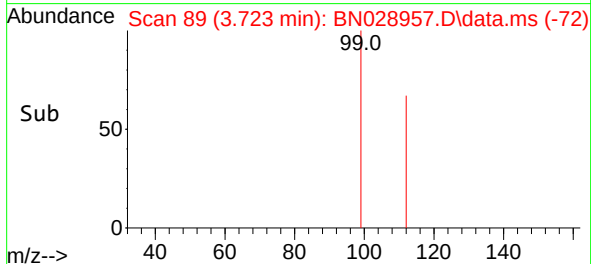
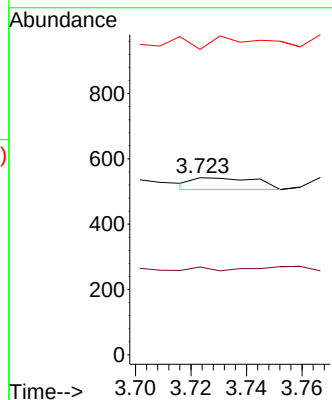
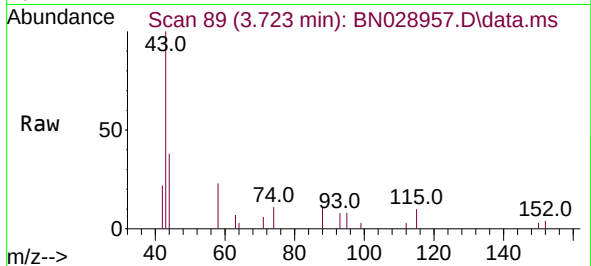




#3
n-Nitrosodimethylamine
Concen: 0.107 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.021 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

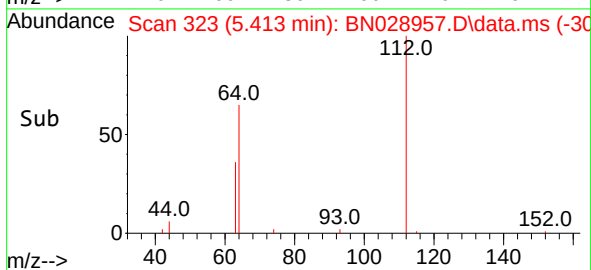
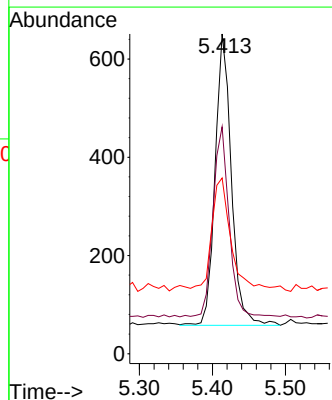
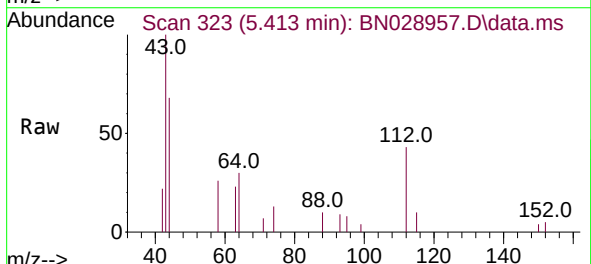
Instrument :
BNA_N
ClientSampleId :
TT119S1-20231108

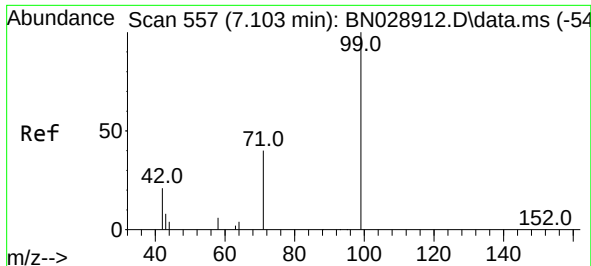
Tgt Ion: 42 Resp: 57
Ion Ratio Lower Upper
42 100
74 8.8 57.0 85.6#
44 94.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

Tgt Ion: 112 Resp: 917
Ion Ratio Lower Upper
112 100
64 64.7 51.5 77.3
63 47.3 30.4 45.6#

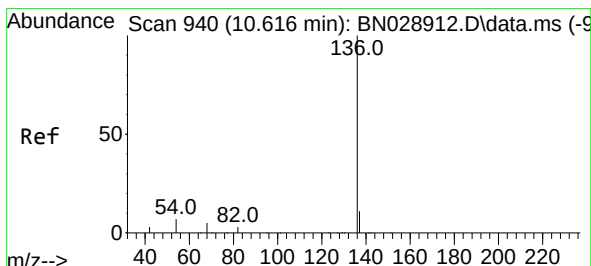
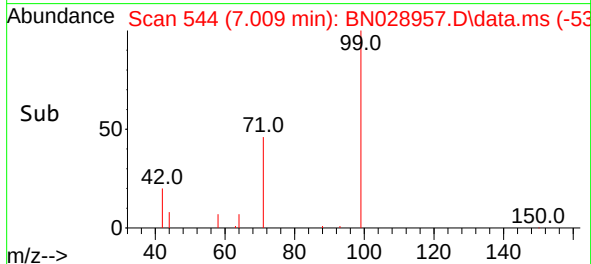
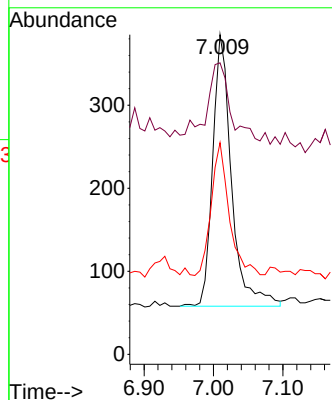
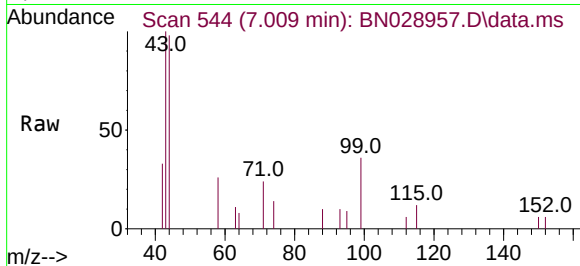




#5
Phenol-d6
Concen: 0.077 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

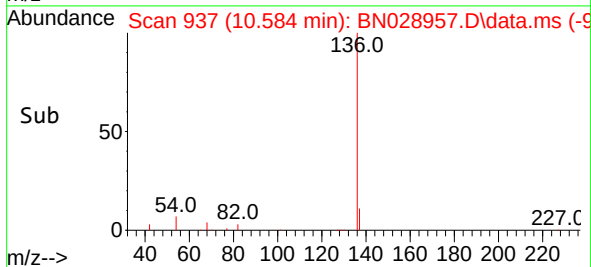
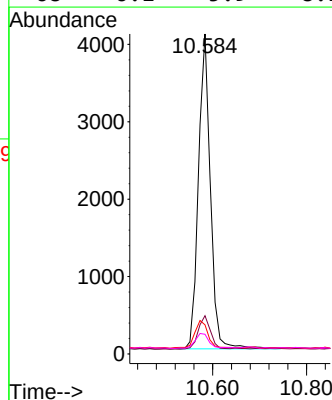
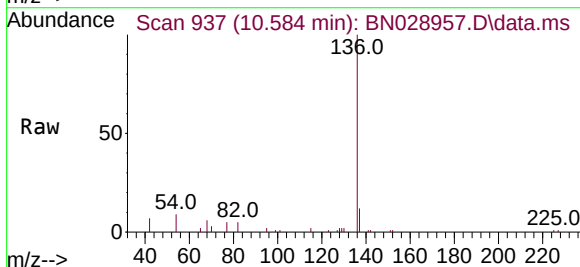
Instrument :
BNA_N
ClientSampleId :
TT119S1-20231108

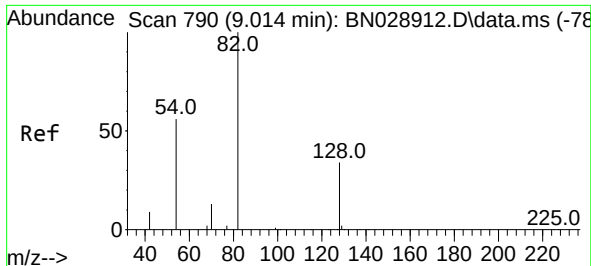
Tgt Ion: 99 Resp: 618
Ion Ratio Lower Upper
99 100
42 35.8 21.2 31.8#
71 46.6 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

Tgt Ion: 136 Resp: 7199
Ion Ratio Lower Upper
136 100
137 12.0 10.6 16.0
54 9.1 7.5 11.3
68 6.1 5.9 8.9

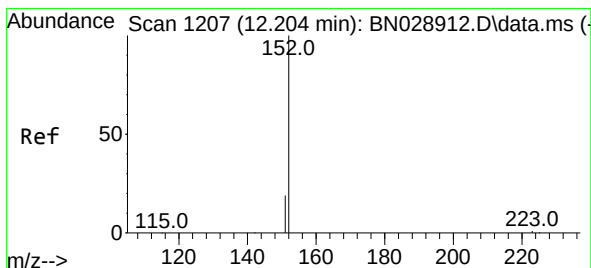
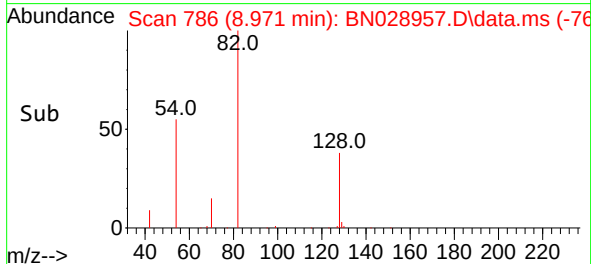
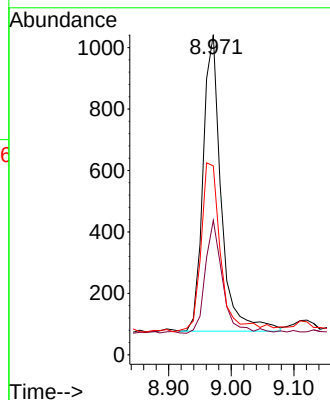
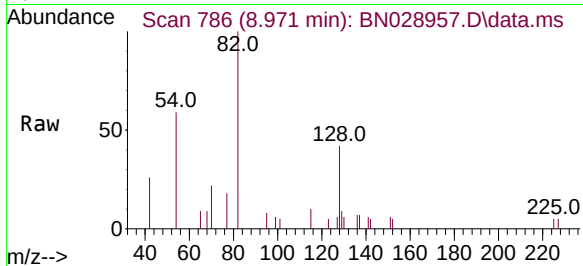




#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

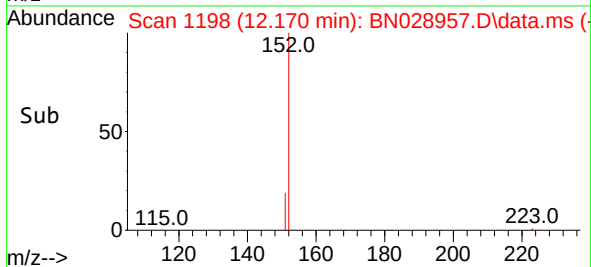
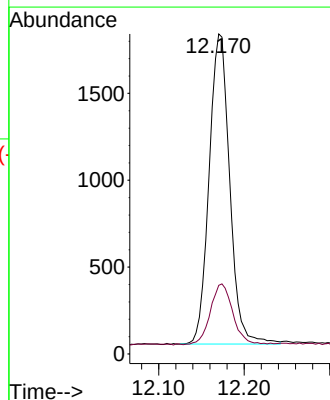
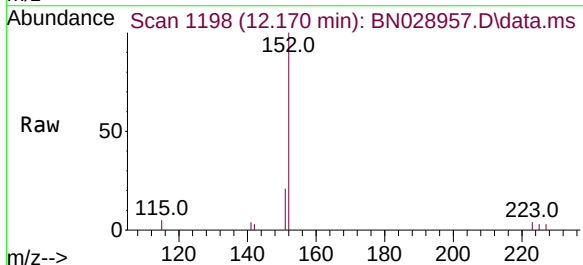
Instrument :
BNA_N
ClientSampleId :
TT119S1-20231108

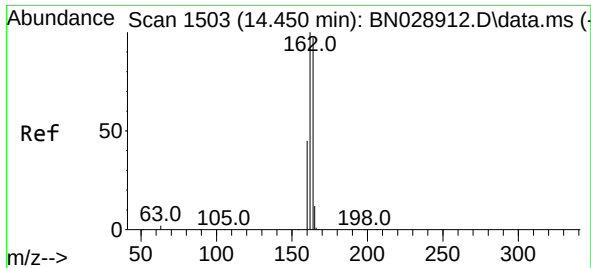
Tgt Ion: 82 Resp: 1942
Ion Ratio Lower Upper
82 100
128 42.0 29.2 43.8
54 59.0 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.170 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

Tgt Ion: 152 Resp: 2989
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1

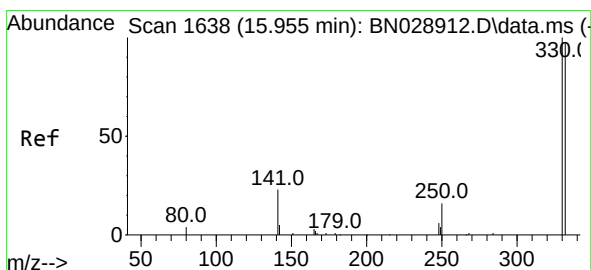
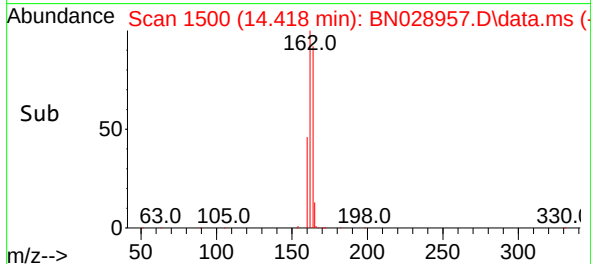
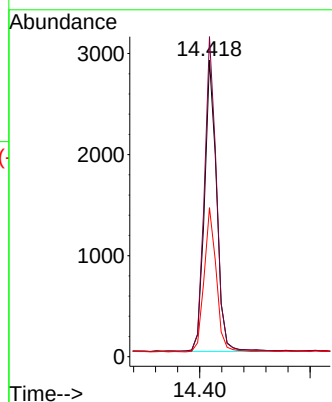
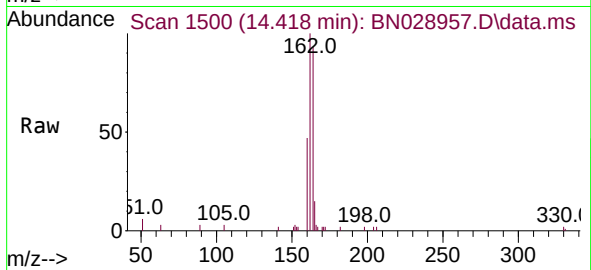




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

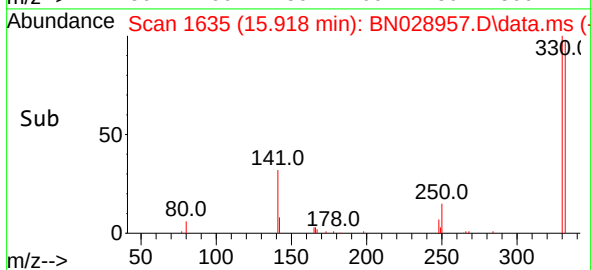
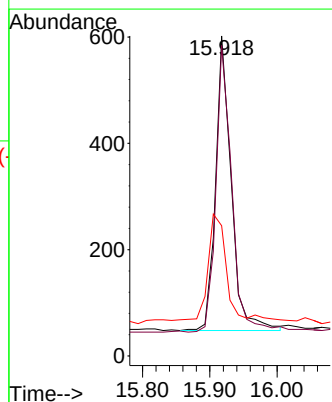
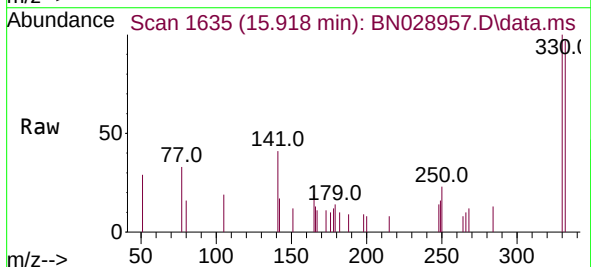
Instrument :
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ClientSampleId :
TT119S1-20231108

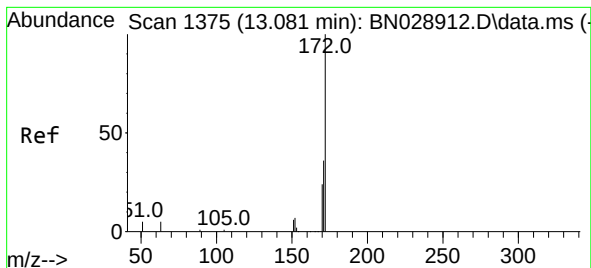
Tgt Ion:164 Resp: 4445
Ion Ratio Lower Upper
164 100
162 107.9 81.7 122.5
160 50.2 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

Tgt Ion:330 Resp: 898
Ion Ratio Lower Upper
330 100
332 97.7 75.4 113.2
141 41.4 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.522 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028957.D

Acq: 01 Dec 2023 21:12

Instrument :

BNA_N

ClientSampleId :

TT119S1-20231108

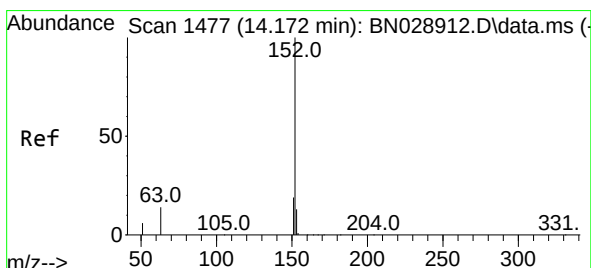
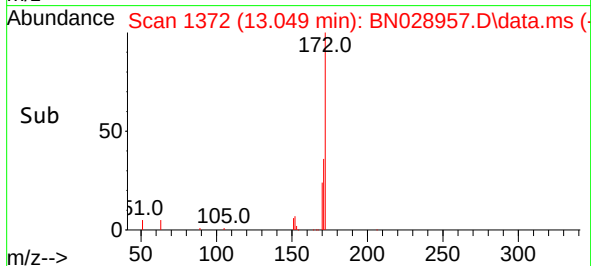
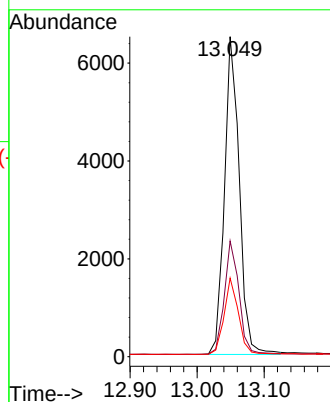
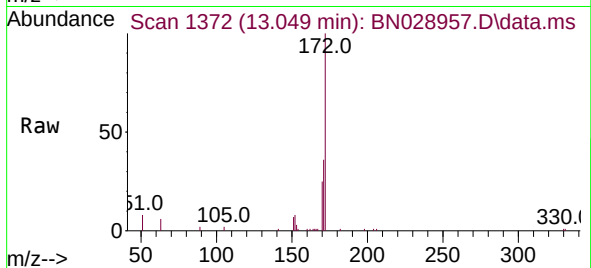
Tgt Ion:172 Resp: 10028

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 24.6 19.7 29.5



#16

Acenaphthylene

Concen: 0.038 ng

RT: 14.140 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BN028957.D

Acq: 01 Dec 2023 21:12

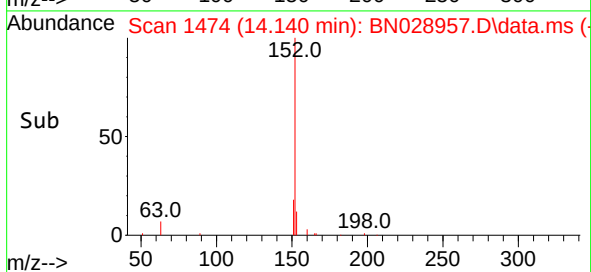
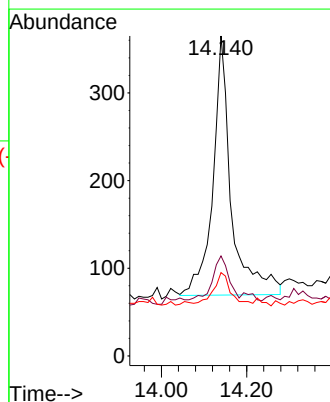
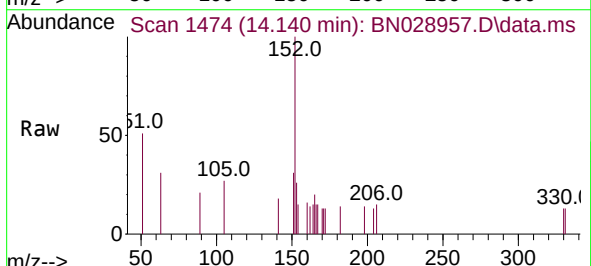
Tgt Ion:152 Resp: 890

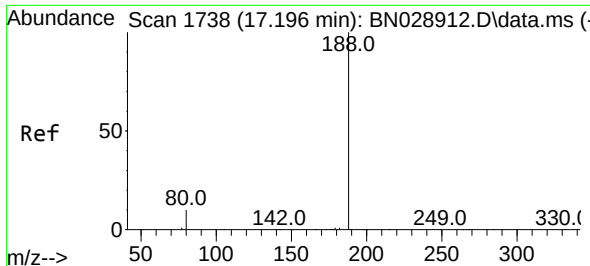
Ion Ratio Lower Upper

152 100

151 15.6 15.9 23.9#

153 11.1 10.8 16.2

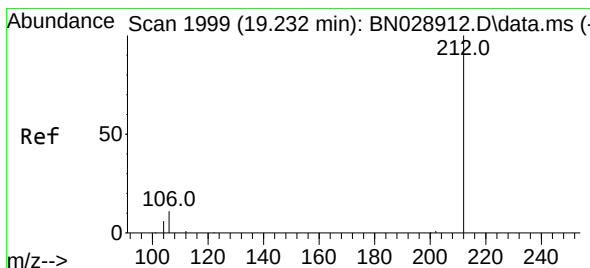
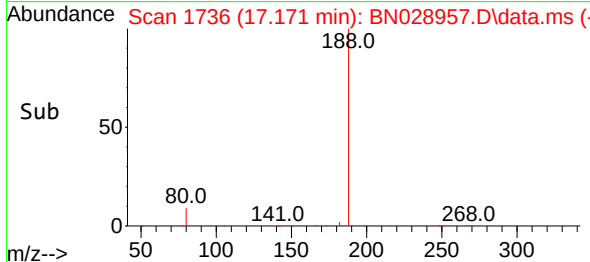
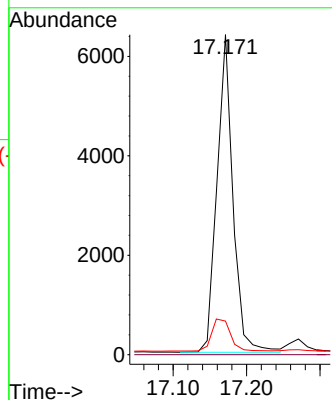
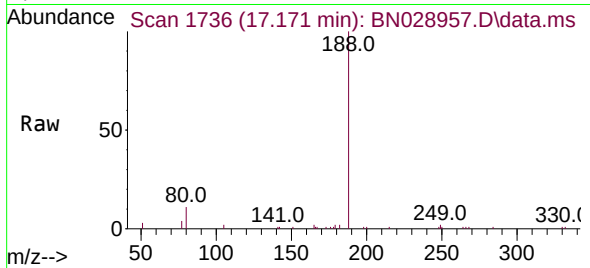




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

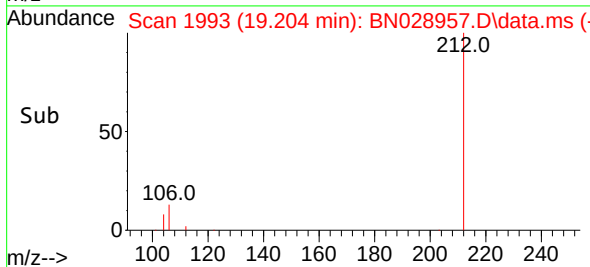
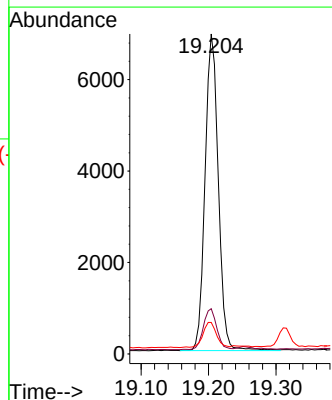
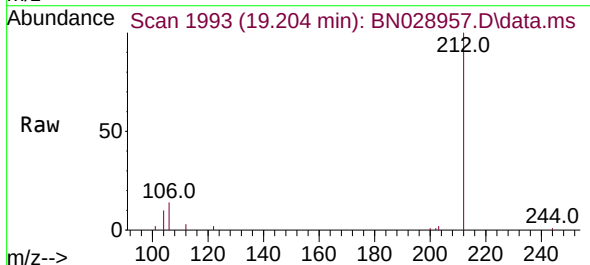
Instrument :
BNA_N
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TT119S1-20231108

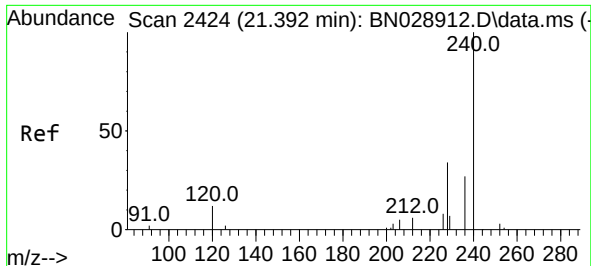
Tgt Ion:188 Resp: 9612
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028957.D
Acq: 01 Dec 2023 21:12

Tgt Ion:212 Resp: 9455
Ion Ratio Lower Upper
212 100
106 13.1 9.4 14.2
104 8.1 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.365 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN028957.D

Acq: 01 Dec 2023 21:12

Instrument :

BNA_N

ClientSampleId :

TT119S1-20231108

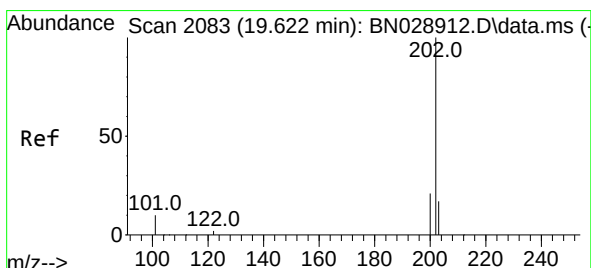
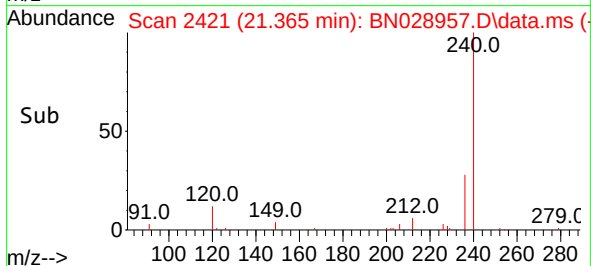
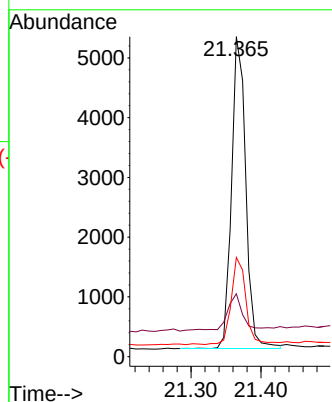
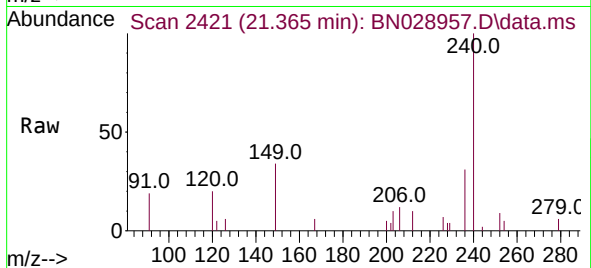
Tgt Ion:240 Resp: 7364

Ion Ratio Lower Upper

240 100

120 19.6 37.1 55.7#

236 31.0 32.4 48.6#



#30

Pyrene

Concen: 0.095 ng

RT: 19.506 min Scan# 2058

Delta R.T. -0.098 min

Lab File: BN028957.D

Acq: 01 Dec 2023 21:12

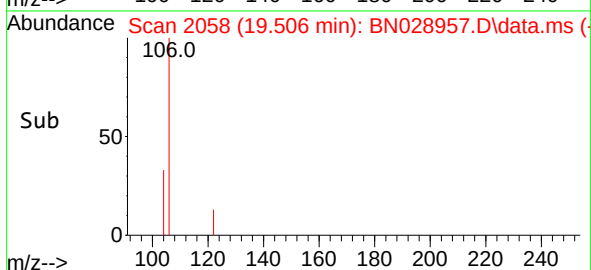
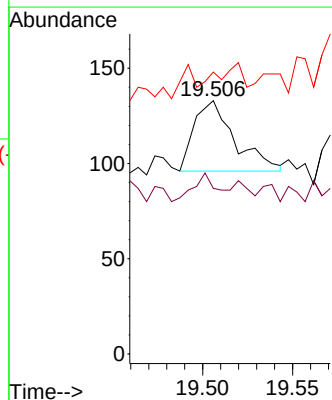
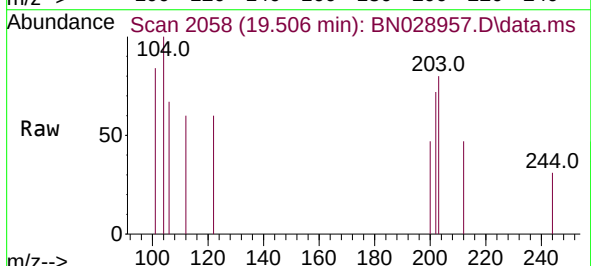
Tgt Ion:202 Resp: 58

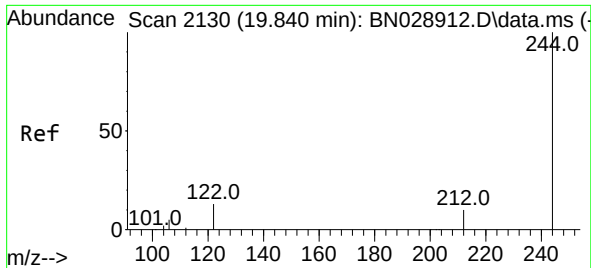
Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 15.5 14.8 22.2

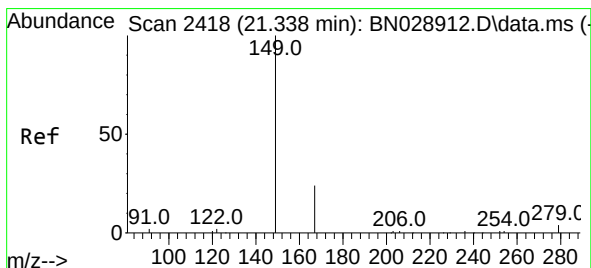
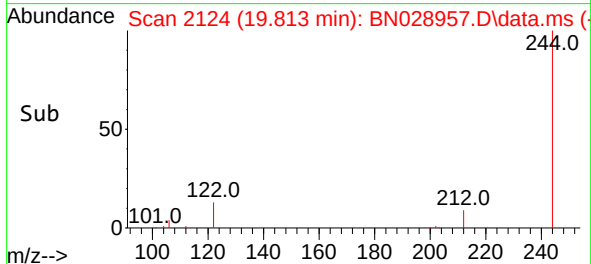
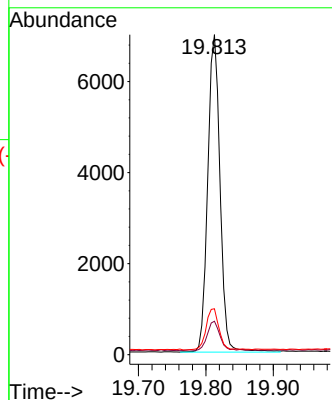
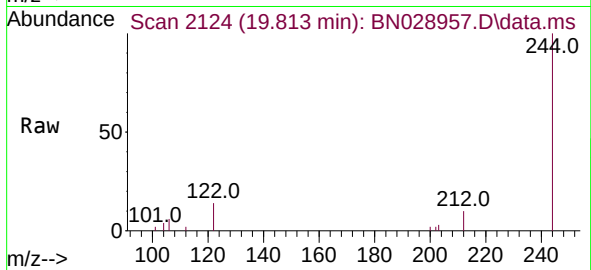




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.813 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BN028957.D
 Acq: 01 Dec 2023 21:12

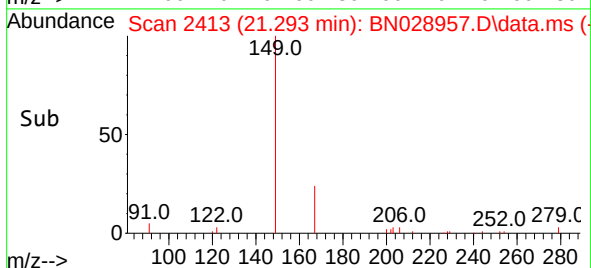
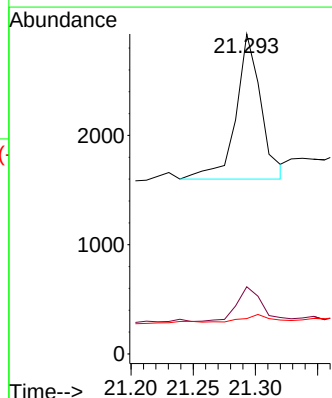
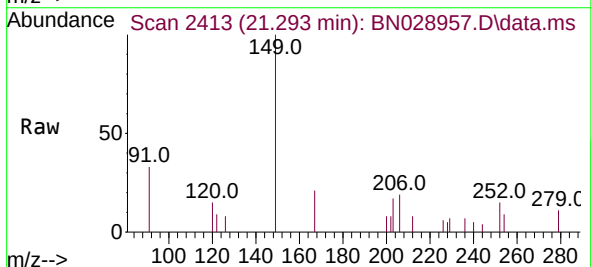
Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20231108

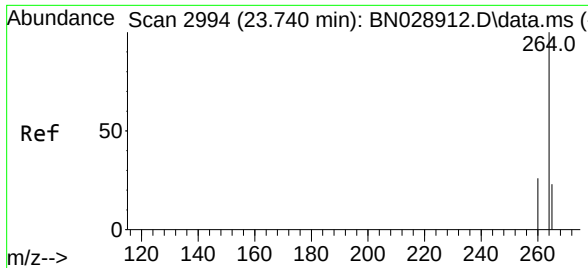
Tgt Ion:244 Resp: 8842
 Ion Ratio Lower Upper
 244 100
 212 10.5 11.5 17.3#
 122 14.3 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.293 min Scan# 2413
 Delta R.T. -0.009 min
 Lab File: BN028957.D
 Acq: 01 Dec 2023 21:12

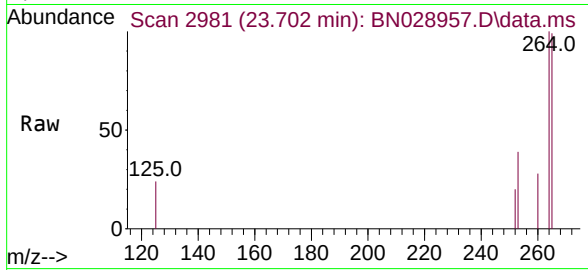
Tgt Ion:149 Resp: 1855
 Ion Ratio Lower Upper
 149 100
 167 24.5 14.9 22.3#
 279 6.0 6.3 9.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.702 min Scan# 2981
 Delta R.T. -0.006 min
 Lab File: BN028957.D
 Acq: 01 Dec 2023 21:12

Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20231108



Tgt Ion:264 Resp: 6836

Ion	Ratio	Lower	Upper
264	100		
260	28.0	20.6	30.8
265	99.0	464.5	696.7#

