

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029078.D
 Acq On : 07 Dec 2023 05:50
 Operator : MA/JU
 Sample : PB157241BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157241BL

Quant Time: Dec 07 06:30:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

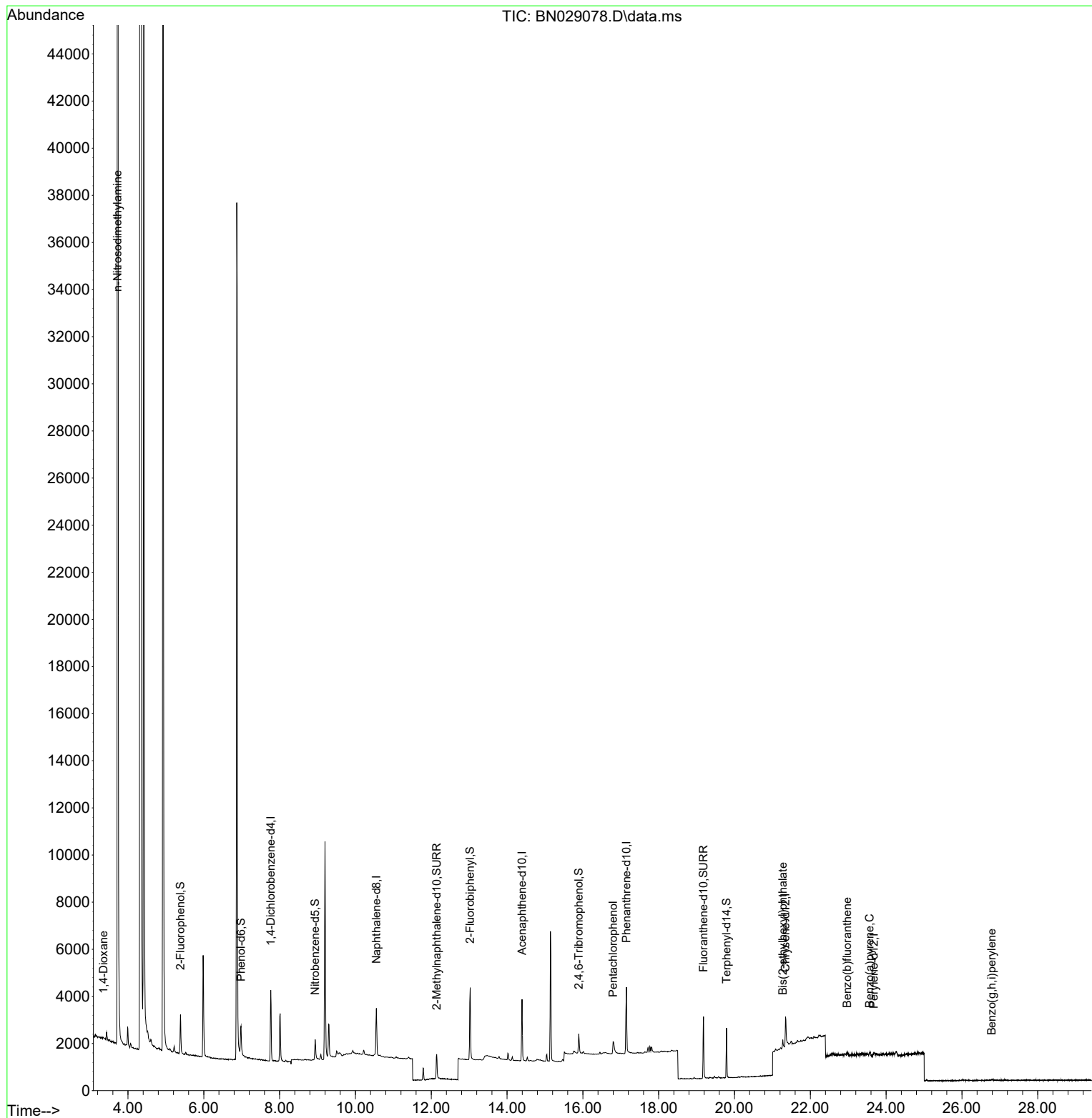
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1439	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2826	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1410	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	4160	0.400	ng	0.00
29) Chrysene-d12	21.347	240	1608	0.400	ng	# 0.00
35) Perylene-d12	23.678	264	149	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1199	0.368	ng	0.00
5) Phenol-d6	6.981	99	1216	0.312	ng	0.00
8) Nitrobenzene-d5	8.939	82	902	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	1513	0.255	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	518	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2847	0.390	ng	0.00
27) Fluoranthene-d10	19.181	212	3272	0.250	ng	0.00
31) Terphenyl-d14	19.789	244	2024	0.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	85	0.073	ng	# 79
3) n-Nitrosodimethylamine	3.723	42	11751	16.702	ng	# 1
24) Pentachlorophenol	16.799	266	227	0.097	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.275	149	401	0.080	ng	# 97
37) Benzo(b)fluoranthene	22.971	252	38	0.048	ng	# 1
39) Benzo(a)pyrene	23.564	252	61	0.092	ng	# 1
41) Benzo(g,h,i)perylene	26.780	276	42	0.066	ng	# 1

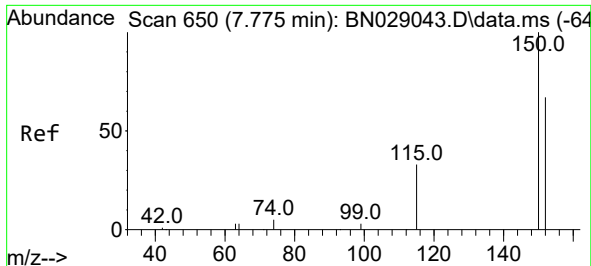
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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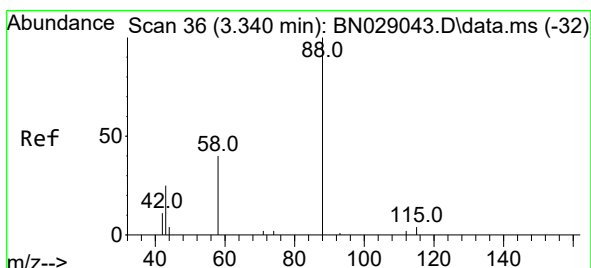
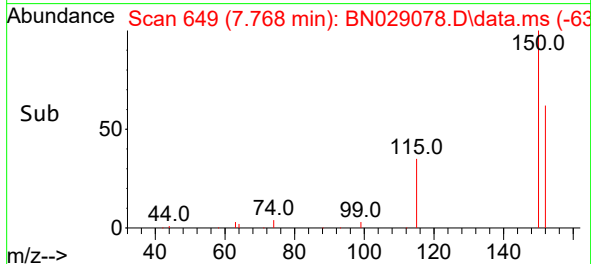
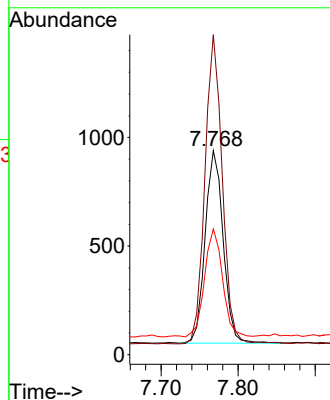
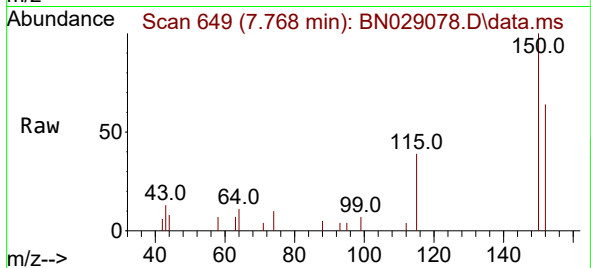




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029078.D
 Acq: 07 Dec 2023 05:50

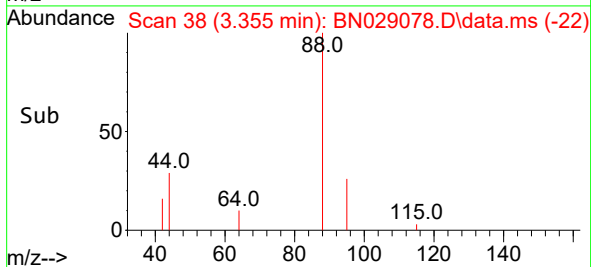
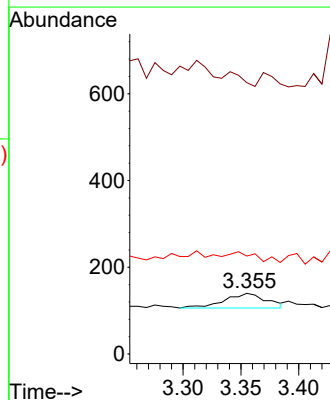
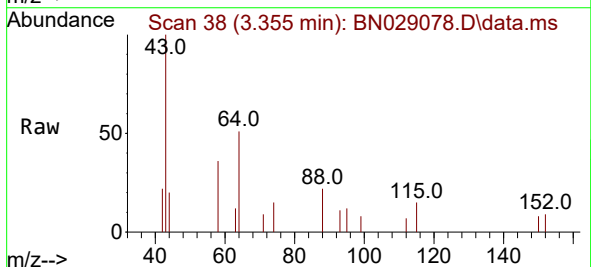
Instrument :
 BNA_N
 ClientSampleId :
 PB157241BL

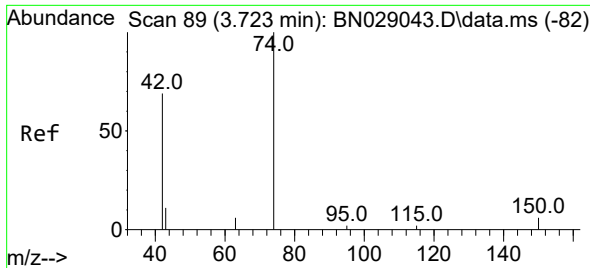
Tgt Ion:152 Resp: 1439
 Ion Ratio Lower Upper
 152 100
 150 156.9 116.2 174.4
 115 61.7 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.073 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.015 min
 Lab File: BN029078.D
 Acq: 07 Dec 2023 05:50

Tgt Ion: 88 Resp: 85
 Ion Ratio Lower Upper
 88 100
 43 0.0 15.6 23.4#
 58 48.2 33.2 49.8

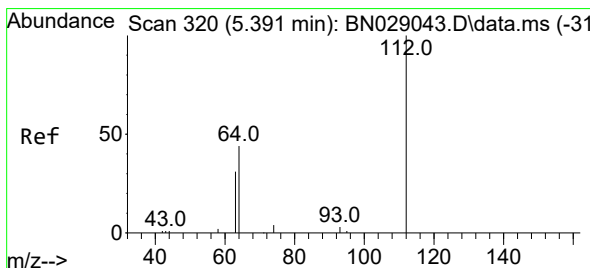
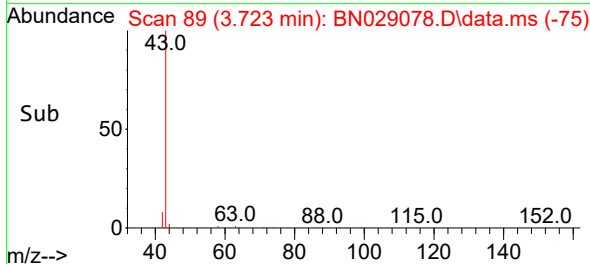
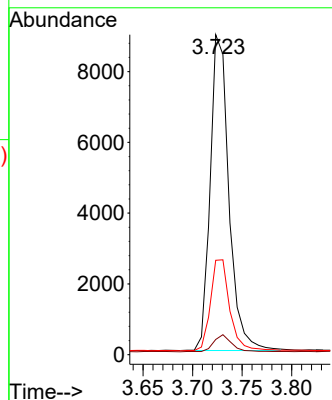
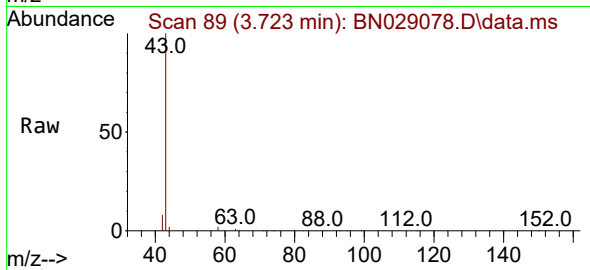




#3
 n-Nitrosodimethylamine
 Concen: 16.702 ng
 RT: 3.723 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BN029078.D
 Acq: 07 Dec 2023 05:50

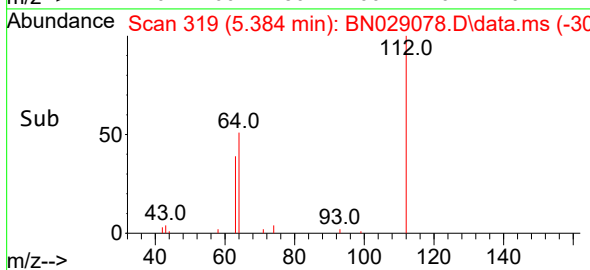
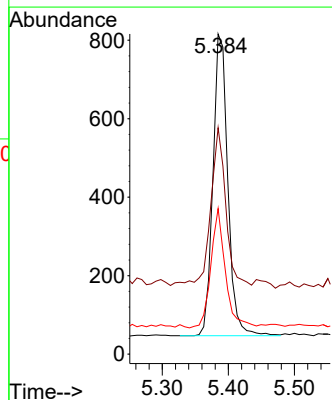
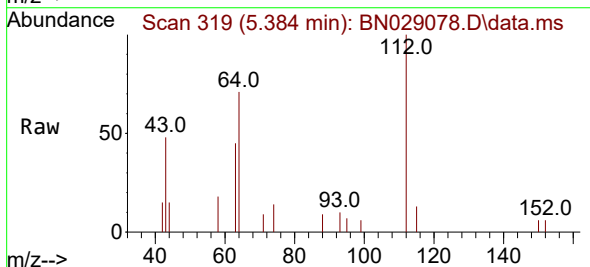
Instrument :
 BNA_N
 ClientSampleId :
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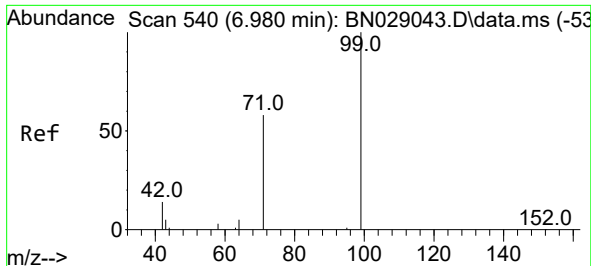
Tgt Ion: 42 Resp: 11751
 Ion Ratio Lower Upper
 42 100
 74 5.3 106.3 159.5#
 44 29.5 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.368 ng
 RT: 5.384 min Scan# 319
 Delta R.T. -0.007 min
 Lab File: BN029078.D
 Acq: 07 Dec 2023 05:50

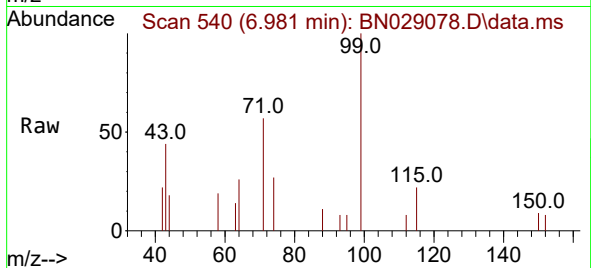
Tgt Ion: 112 Resp: 1199
 Ion Ratio Lower Upper
 112 100
 64 53.4 37.0 55.6
 63 38.7 29.0 43.6



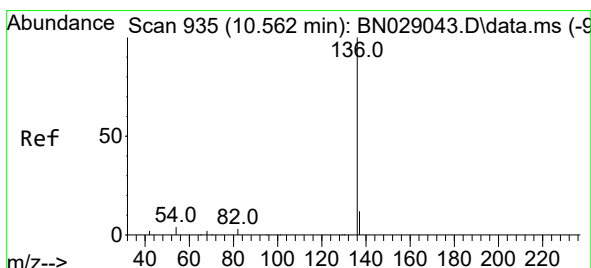
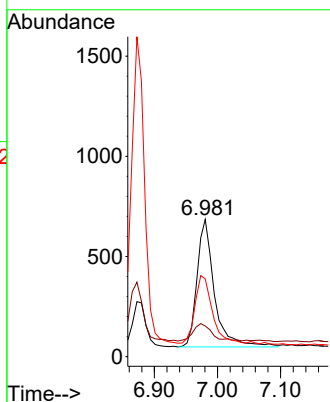
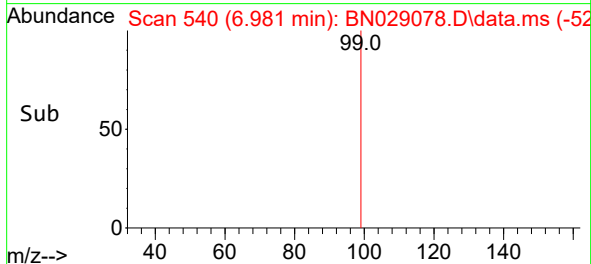


#5
Phenol-d6
Concen: 0.312 ng
RT: 6.981 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

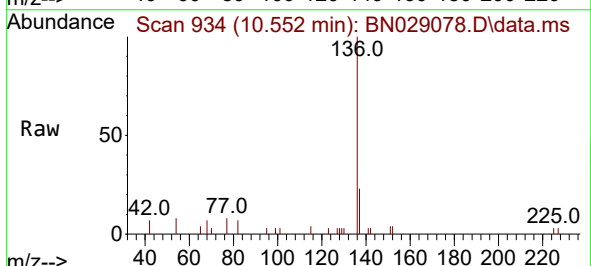
Instrument :
BNA_N
ClientSampleId :
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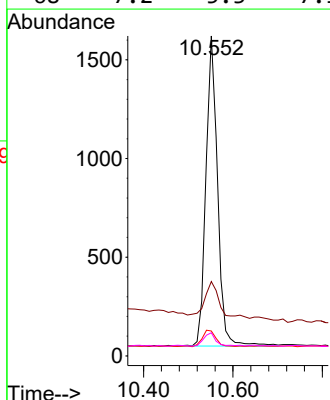
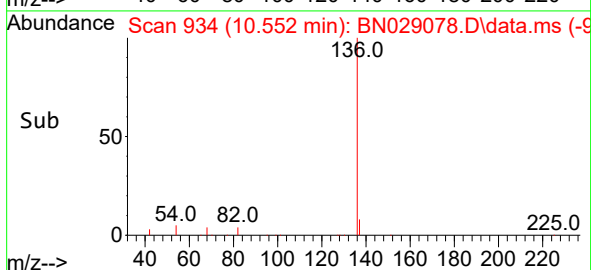
Tgt Ion:	99	Resp:	1216
Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.4	20.2
71	51.9	47.8	71.6

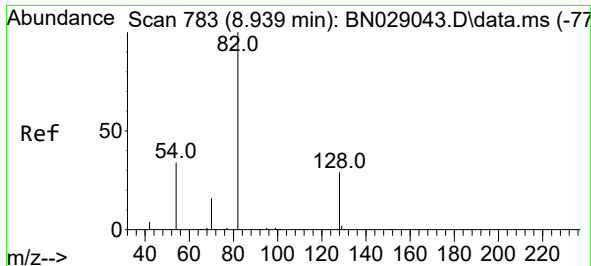


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50



Tgt Ion:	136	Resp:	2826
Ion	Ratio	Lower	Upper
136	100		
137	23.3	11.9	17.9#
54	7.8	6.4	9.6
68	7.2	5.3	7.9

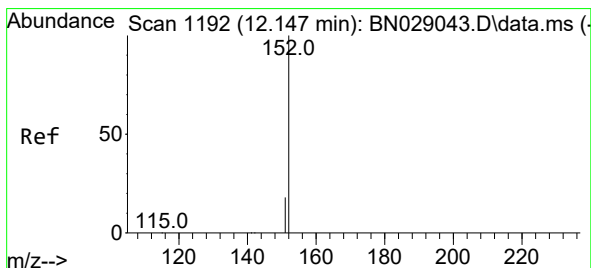
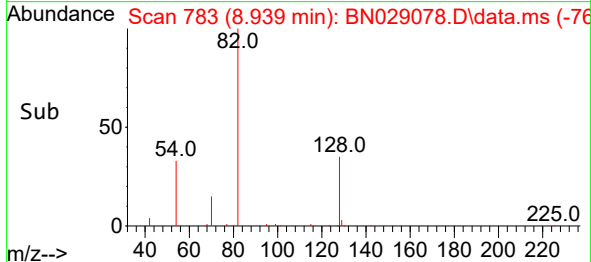
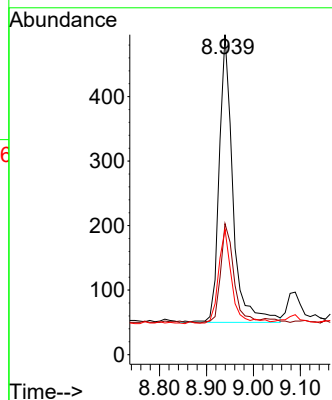
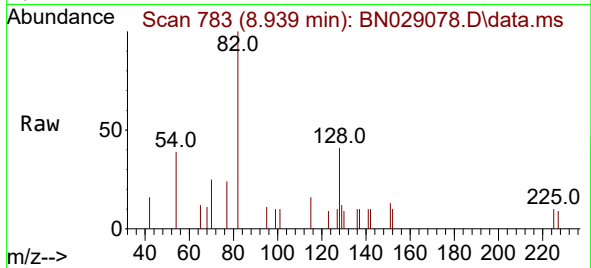




#8
 Nitrobenzene-d5
 Concen: 0.265 ng
 RT: 8.939 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BN029078.D
 Acq: 07 Dec 2023 05:50

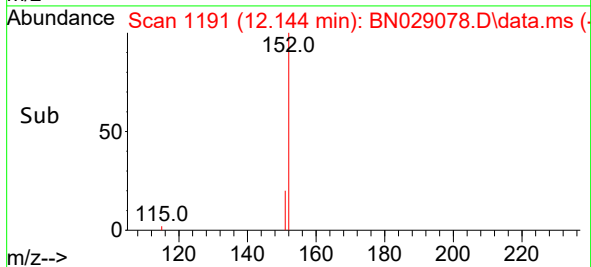
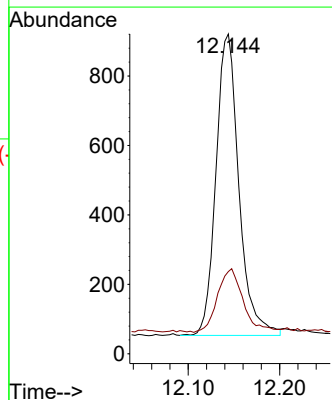
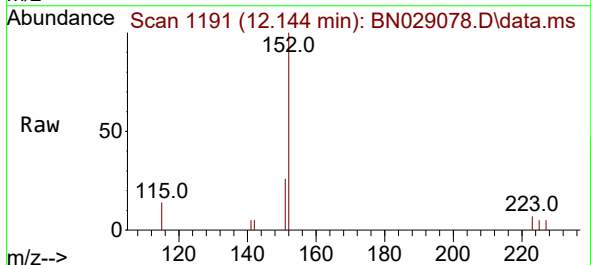
Instrument :
 BNA_N
 ClientSampleId :
 PB157241BL

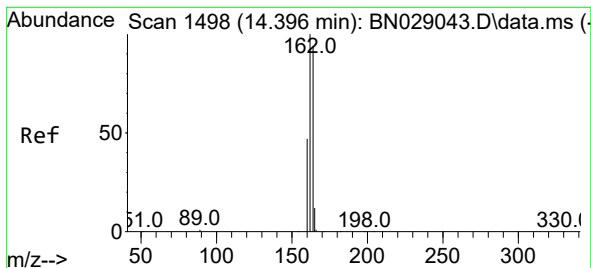
Tgt Ion: 82 Resp: 902
 Ion Ratio Lower Upper
 82 100
 128 40.9 28.2 42.4
 54 39.1 32.1 48.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.255 ng
 RT: 12.144 min Scan# 1191
 Delta R.T. -0.004 min
 Lab File: BN029078.D
 Acq: 07 Dec 2023 05:50

Tgt Ion: 152 Resp: 1513
 Ion Ratio Lower Upper
 152 100
 151 23.5 17.4 26.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BN029078.D

Acq: 07 Dec 2023 05:50

Instrument :

BNA_N

ClientSampleId :

PB157241BL

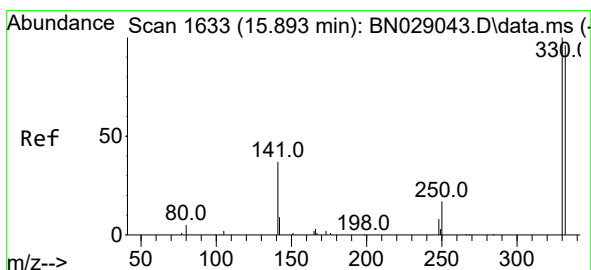
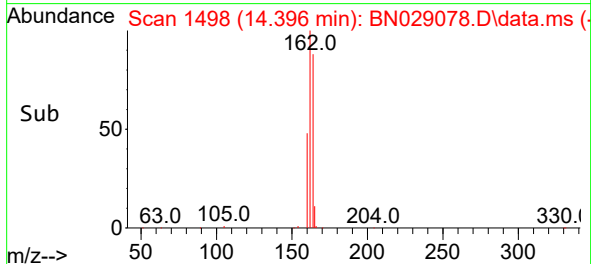
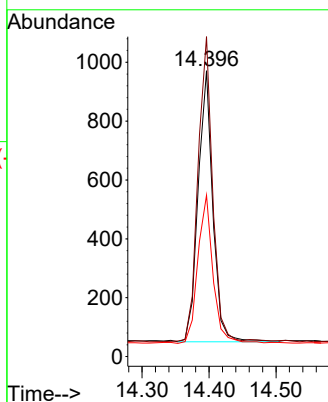
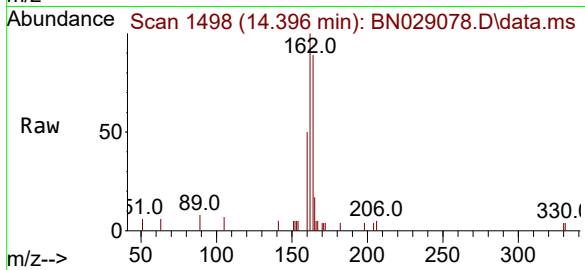
Tgt Ion:164 Resp: 1410

Ion Ratio Lower Upper

164 100

162 111.9 85.0 127.6

160 56.4 41.3 61.9



#14

2,4,6-Tribromophenol

Concen: 0.333 ng

RT: 15.893 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BN029078.D

Acq: 07 Dec 2023 05:50

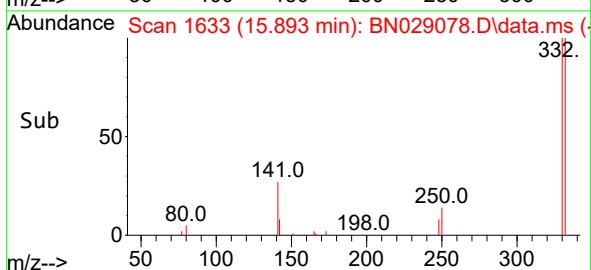
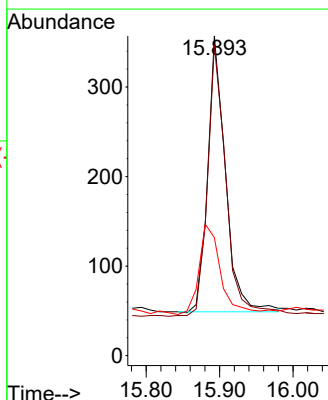
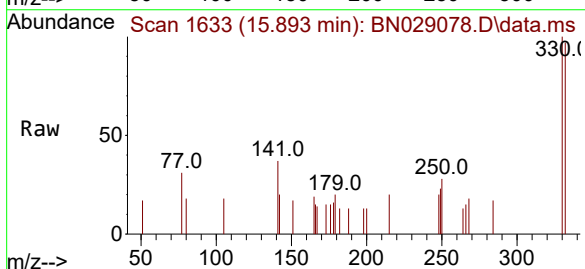
Tgt Ion:330 Resp: 518

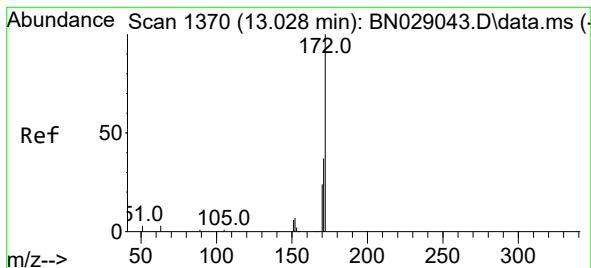
Ion Ratio Lower Upper

330 100

332 103.3 78.8 118.2

141 39.8 28.7 43.1





#15

2-Fluorobiphenyl

Concen: 0.390 ng

RT: 13.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029078.D

Acq: 07 Dec 2023 05:50

Instrument :

BNA_N

ClientSampleId :

PB157241BL

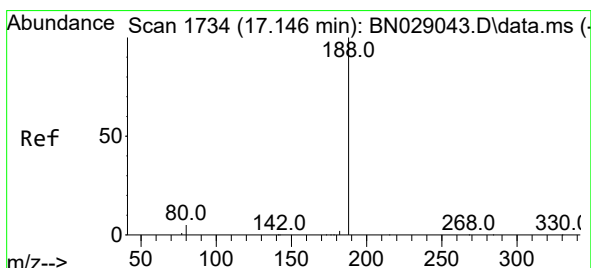
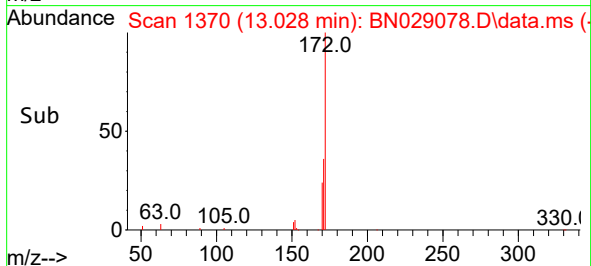
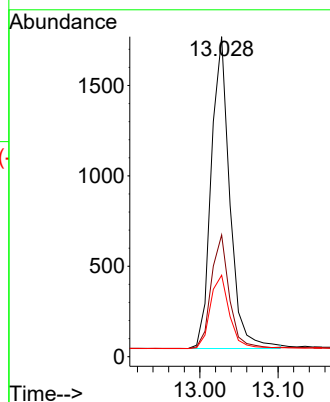
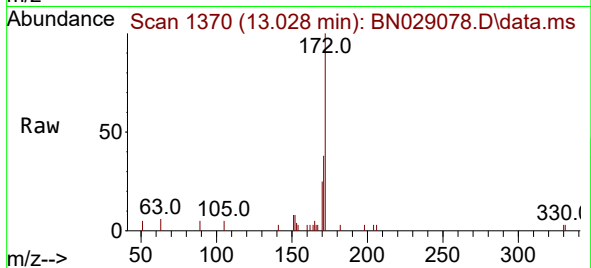
Tgt Ion:172 Resp: 2847

Ion Ratio Lower Upper

172 100

171 38.1 30.1 45.1

170 25.5 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN029078.D

Acq: 07 Dec 2023 05:50

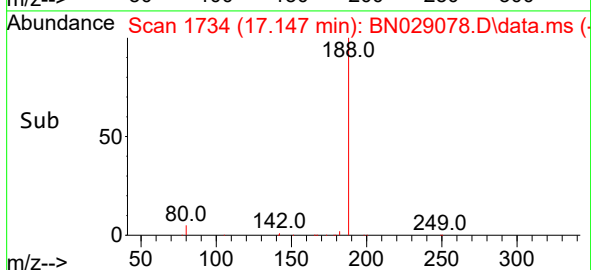
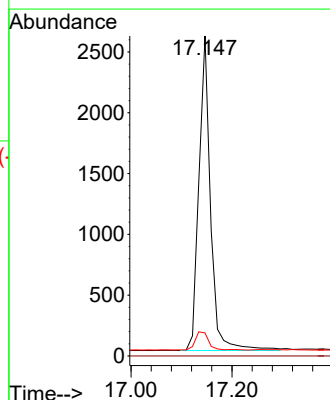
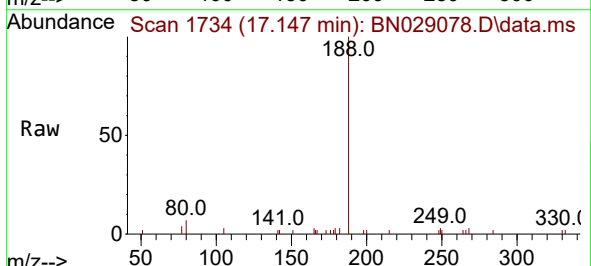
Tgt Ion:188 Resp: 4160

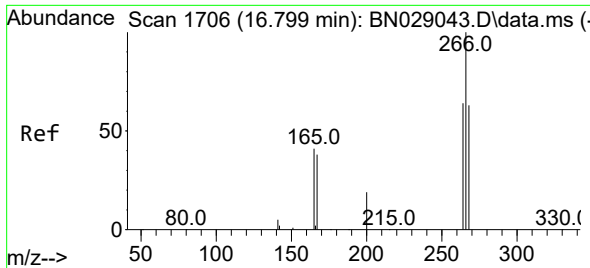
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 5.4 8.0

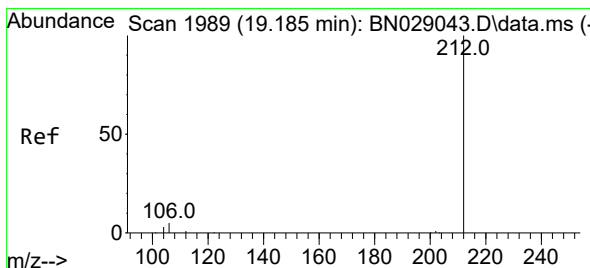
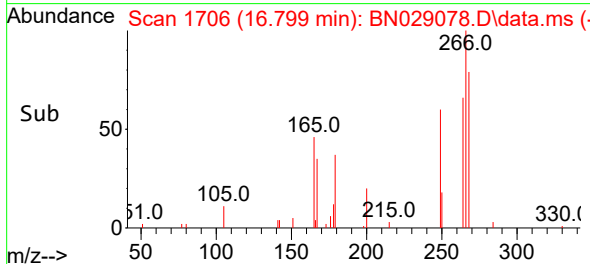
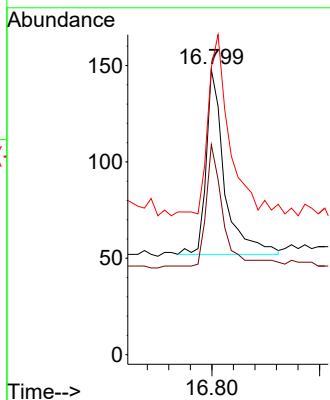
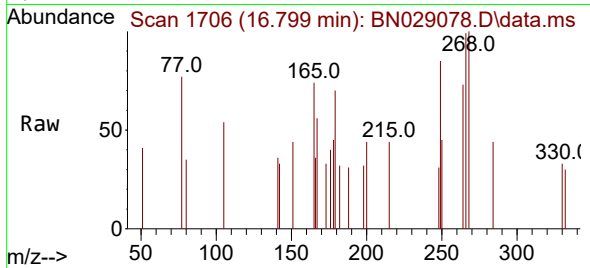




#24
Pentachlorophenol
Concen: 0.097 ng
RT: 16.799 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

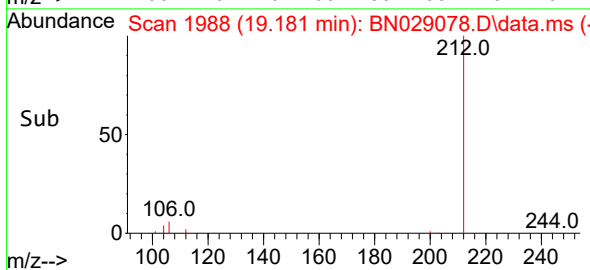
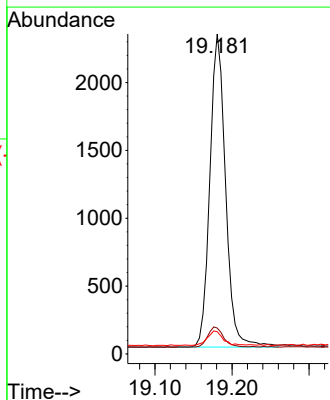
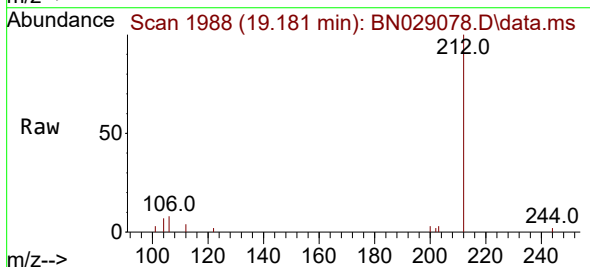
Instrument :
BNA_N
ClientSampleId :
PB157241BL

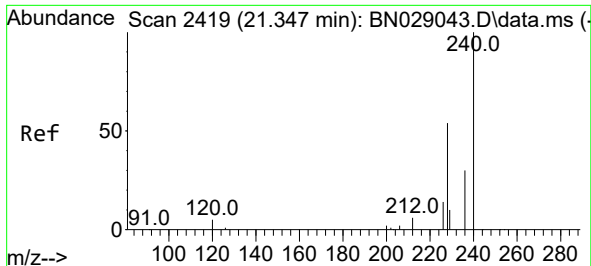
Tgt Ion:266 Resp: 227
Ion Ratio Lower Upper
266 100
264 60.4 50.7 76.1
268 117.6 49.5 74.3#



#27
Fluoranthene-d10
Concen: 0.250 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.004 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

Tgt Ion:212 Resp: 3272
Ion Ratio Lower Upper
212 100
106 6.4 3.9 5.9#
104 4.6 2.6 3.8#

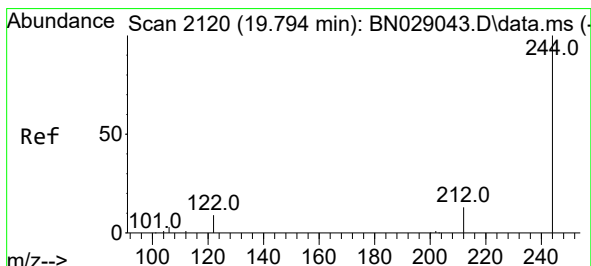
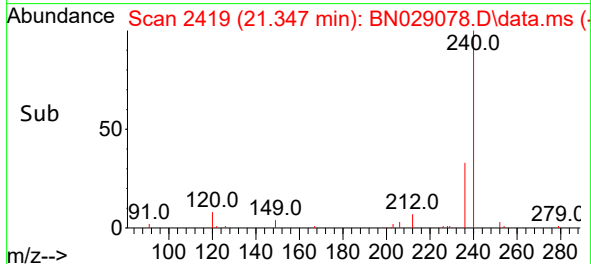
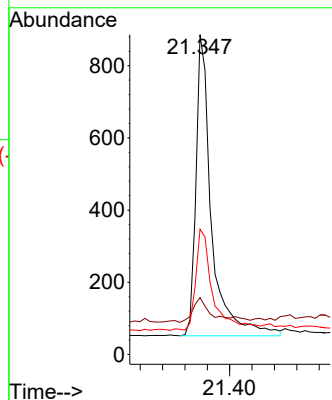
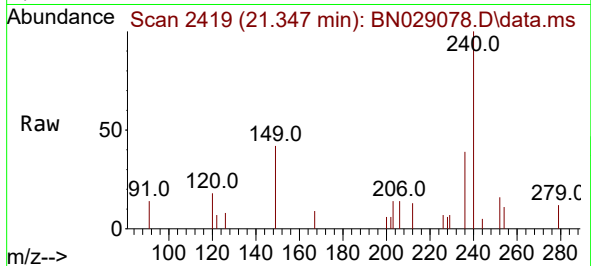




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

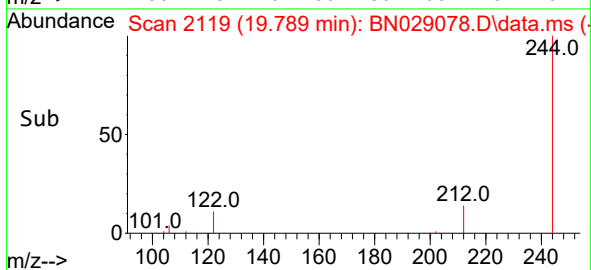
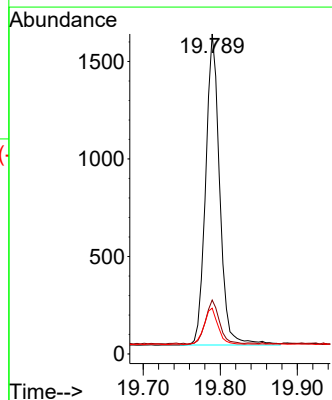
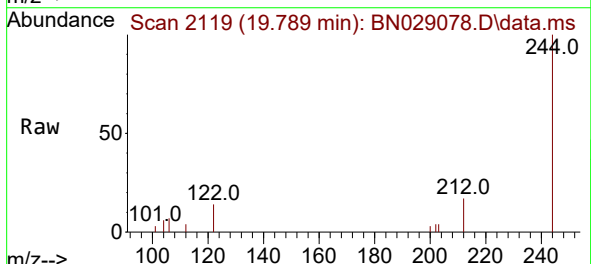
Instrument :
BNA_N
ClientSampleId :
PB157241BL

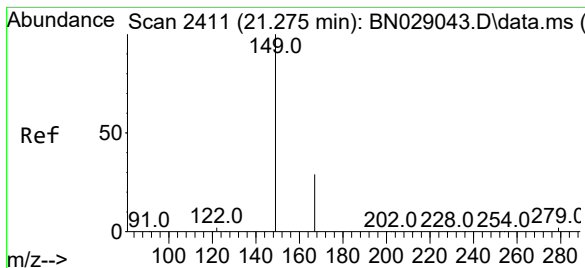
Tgt Ion:240 Resp: 1608
Ion Ratio Lower Upper
240 100
120 17.8 6.7 10.1#
236 39.2 25.7 38.5#



#31
Terphenyl-d14
Concen: 0.497 ng
RT: 19.789 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

Tgt Ion:244 Resp: 2024
Ion Ratio Lower Upper
244 100
212 16.9 11.6 17.4
122 14.3 8.2 12.4#

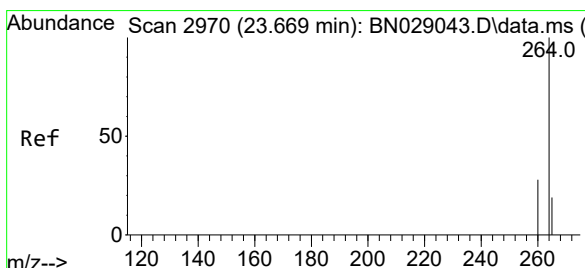
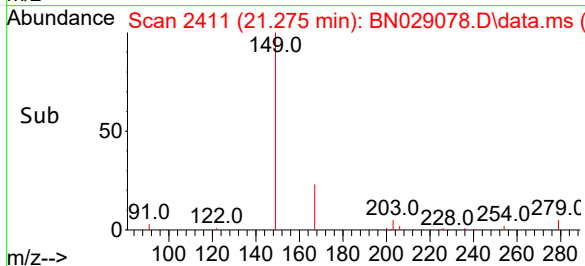
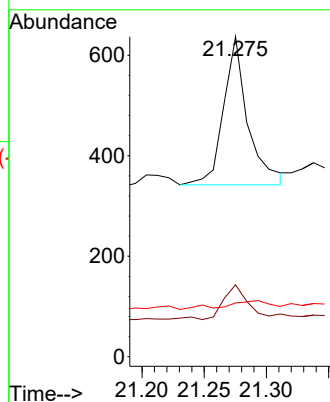
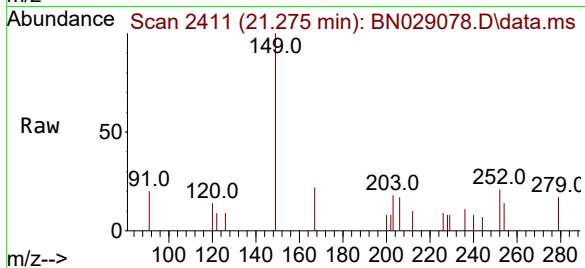




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

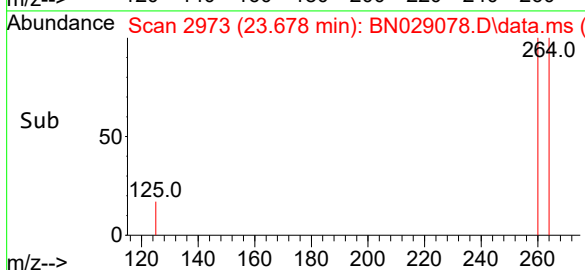
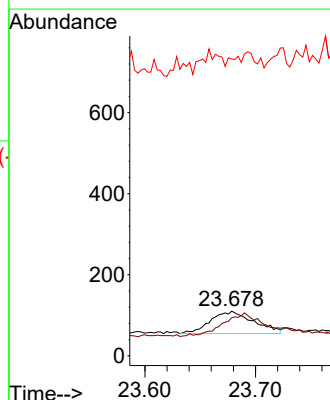
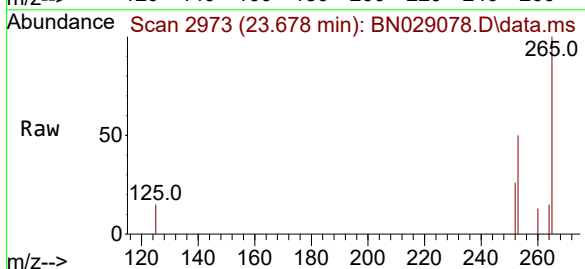
Instrument :
BNA_N
ClientSampleId :
PB157241BL

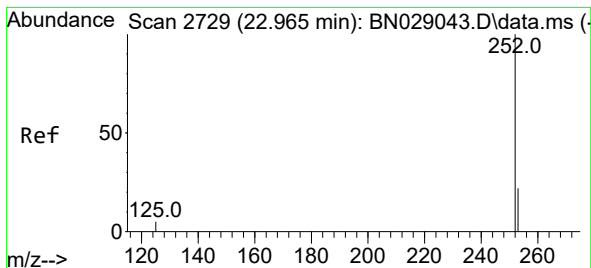
Tgt Ion:149 Resp: 401
Ion Ratio Lower Upper
149 100
167 27.9 23.4 35.2
279 6.7 3.4 5.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 2973
Delta R.T. 0.009 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

Tgt Ion:264 Resp: 149
Ion Ratio Lower Upper
264 100
260 85.5 23.9 35.9#
265 665.5 52.7 79.1#





#37

Benzo(b)fluoranthene

Concen: 0.048 ng

RT: 22.971 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN029078.D

Acq: 07 Dec 2023 05:50

Instrument :

BNA_N

ClientSampleId :

PB157241BL

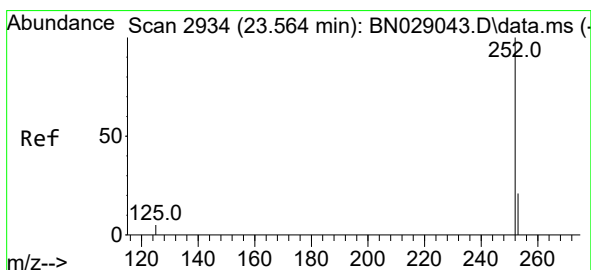
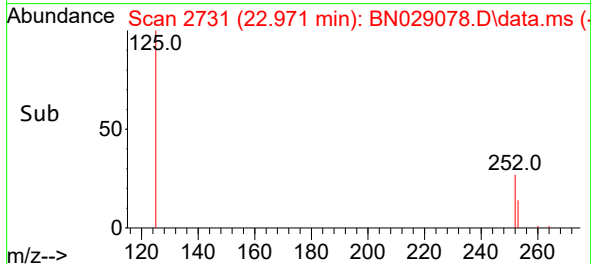
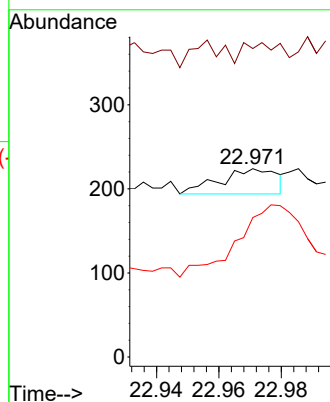
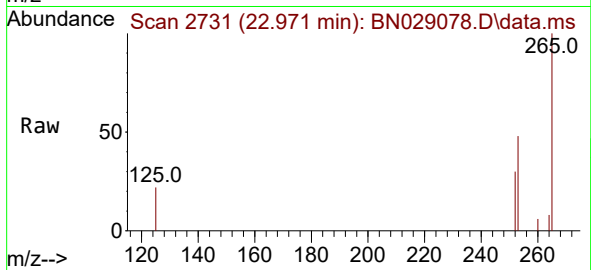
Tgt Ion:252 Resp: 38

Ion Ratio Lower Upper

252 100

253 163.8 23.0 34.6#

125 74.1 5.4 8.0#



#39

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.564 min Scan# 2934

Delta R.T. 0.000 min

Lab File: BN029078.D

Acq: 07 Dec 2023 05:50

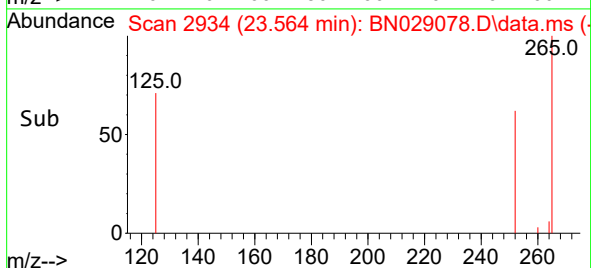
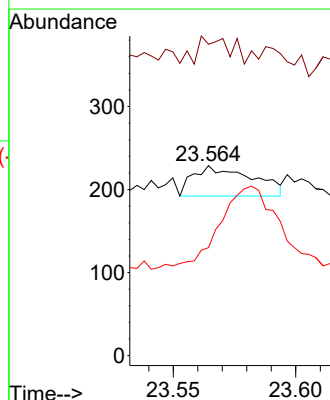
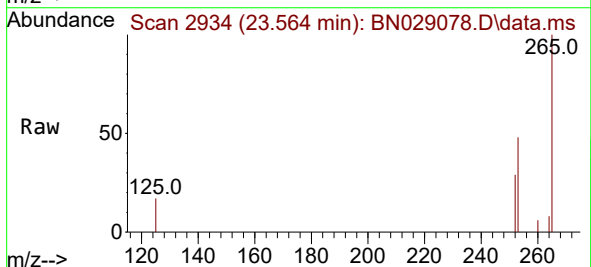
Tgt Ion:252 Resp: 61

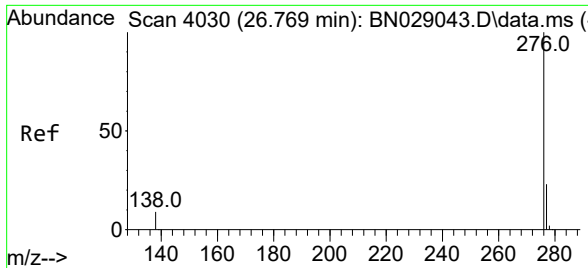
Ion Ratio Lower Upper

252 100

253 163.8 25.3 37.9#

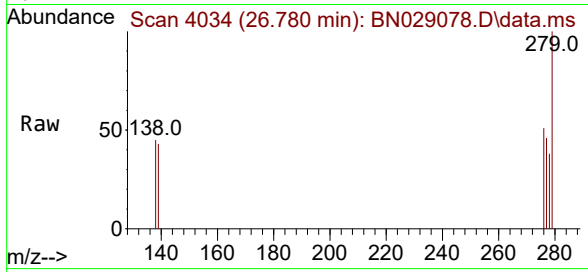
125 56.8 6.5 9.7#





#41
Benzo(g,h,i)perylene
Concen: 0.066 ng
RT: 26.780 min Scan# 40
Delta R.T. 0.012 min
Lab File: BN029078.D
Acq: 07 Dec 2023 05:50

Instrument :
BNA_N
ClientSampleId :
PB157241BL



Tgt Ion:276 Resp: 42
Ion Ratio Lower Upper
276 100
277 89.2 20.3 30.5#
138 87.8 9.2 13.8#

