

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028971.D
 Acq On : 02 Dec 2023 06:51
 Operator : MA/JU
 Sample : PB157164BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157164BL

Quant Time: Dec 03 08:11:22 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)

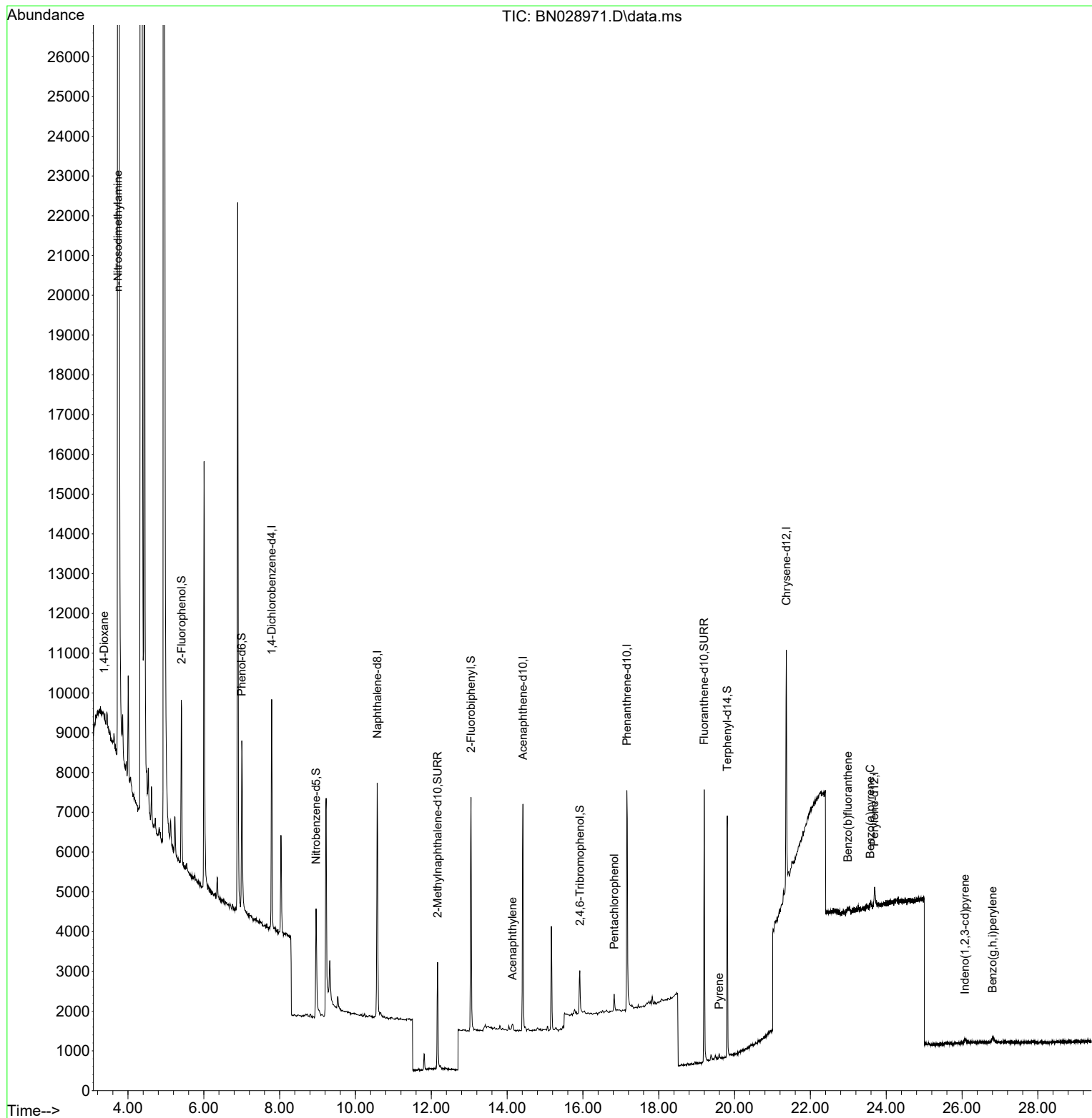
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2639	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	7838	0.400	ng	-0.01
13) Acenaphthene-d10	14.417	164	3198	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	8969	0.400	ng	#-0.01
29) Chrysene-d12	21.365	240	6398	0.400	ng	# 0.00
35) Perylene-d12	23.687	264	574	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	2932	0.367	ng	0.00
5) Phenol-d6	7.002	99	3048	0.344	ng	0.00
8) Nitrobenzene-d5	8.961	82	2319	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.166	152	3801	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.917	330	742	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5293	0.383	ng	0.00
27) Fluoranthene-d10	19.199	212	7612	0.323	ng	0.00
31) Terphenyl-d14	19.808	244	6179	0.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	71	0.027	ng	# 37
3) n-Nitrosodimethylamine	3.738	42	34669	8.637	ng	# 17
16) Acenaphthylene	14.139	152	344	0.020	ng	# 92
24) Pentachlorophenol	16.824	266	128	0.036	ng	# 41
30) Pyrene	19.594	202	133	0.097	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.284	149	571	Below Cal		# 89
36) Indeno(1,2,3-cd)pyrene	26.079	276	229	0.092	ng	# 66
37) Benzo(b)fluoranthene	22.991	252	160	0.068	ng	# 39
39) Benzo(a)pyrene	23.582	252	101	0.048	ng	# 58
41) Benzo(g,h,i)perylene	26.804	276	172	0.079	ng	# 3

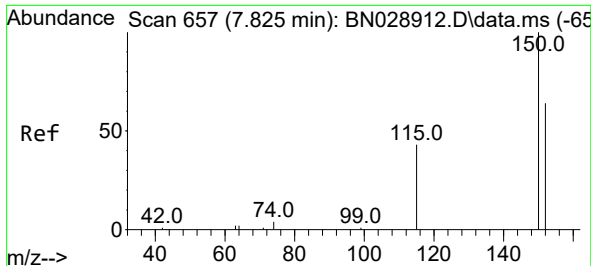
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 08:11:22 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

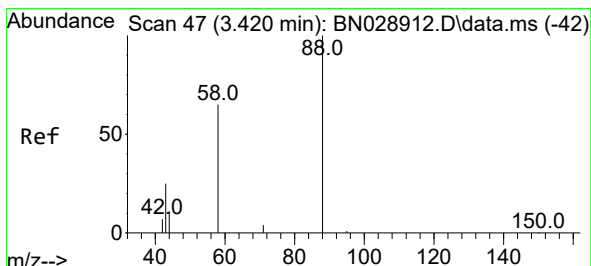
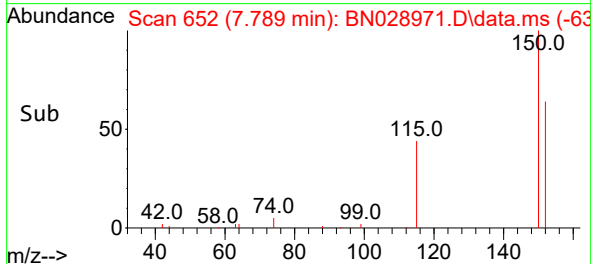
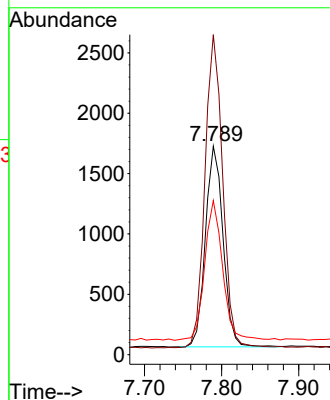
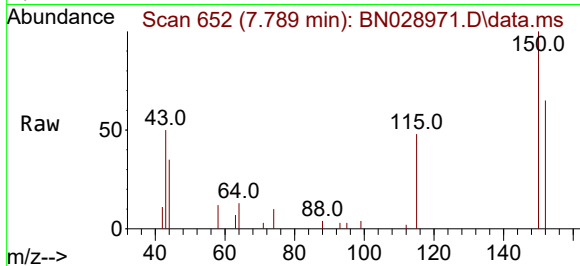




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028971.D
 Acq: 02 Dec 2023 06:51

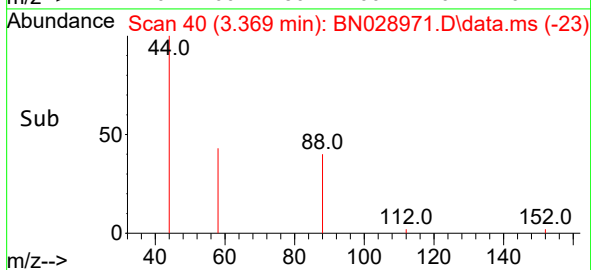
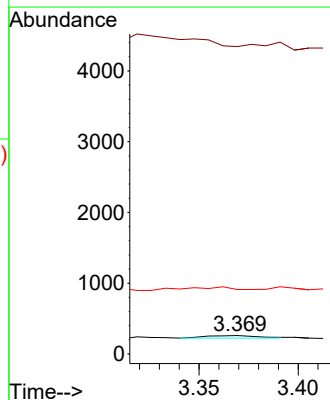
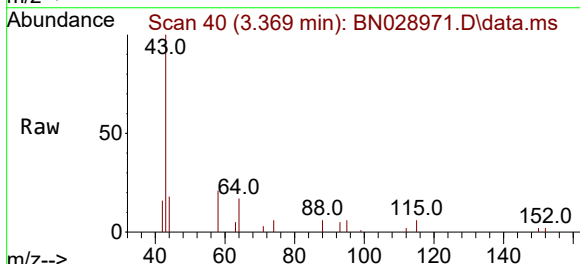
Instrument :
 BNA_N
 ClientSampleId :
 PB157164BL

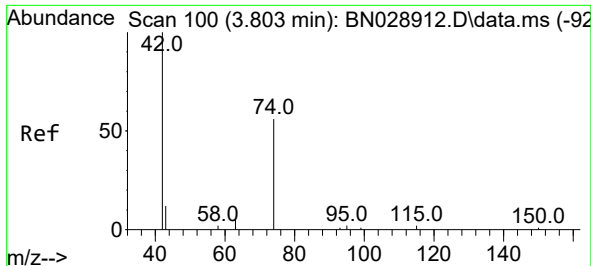
Tgt Ion:152 Resp: 2639
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.4 185.2
 115 73.9 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.369 min Scan# 40
 Delta R.T. 0.021 min
 Lab File: BN028971.D
 Acq: 02 Dec 2023 06:51

Tgt Ion: 88 Resp: 71
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 119.7 55.0 82.4#

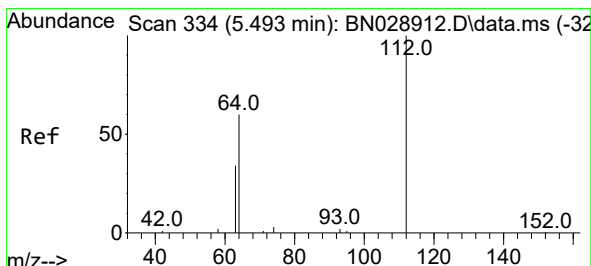
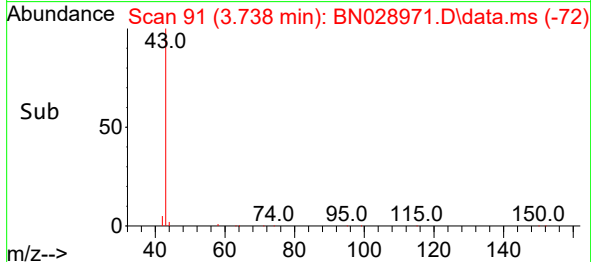
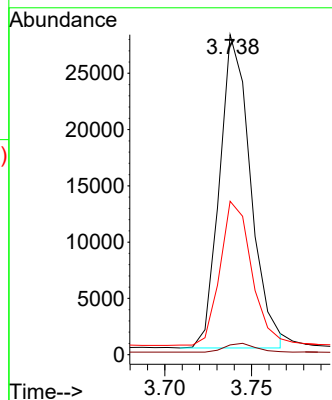
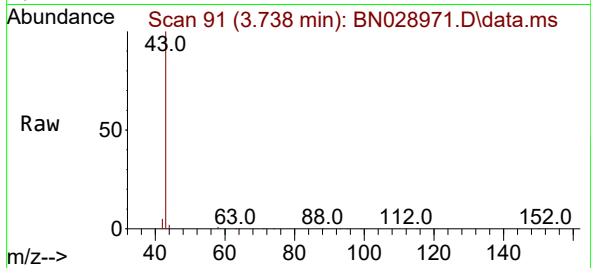




#3
n-Nitrosodimethylamine
Concen: 8.637 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.036 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

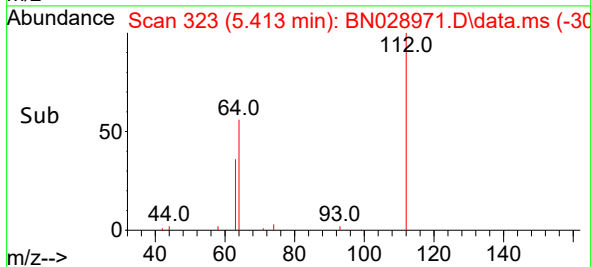
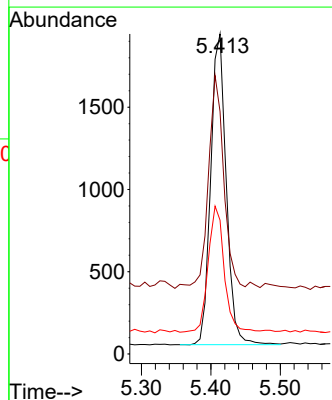
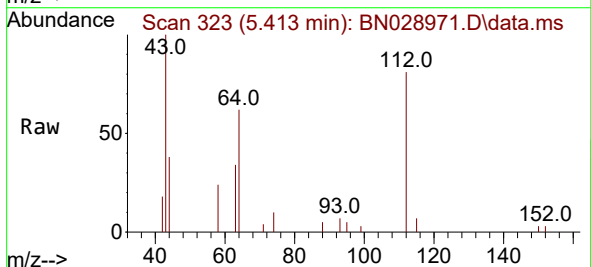
Instrument :
BNA_N
ClientSampleId :
PB157164BL

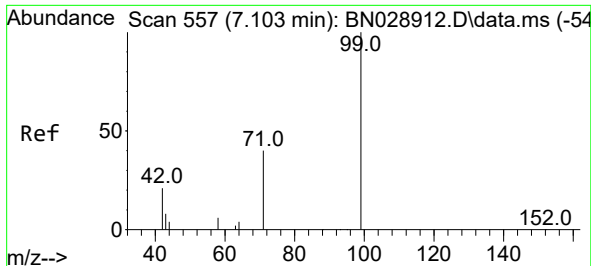
Tgt Ion: 42 Resp: 34669
Ion Ratio Lower Upper
42 100
74 2.8 57.0 85.6#
44 46.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion: 112 Resp: 2932
Ion Ratio Lower Upper
112 100
64 67.9 51.5 77.3
63 41.9 30.4 45.6

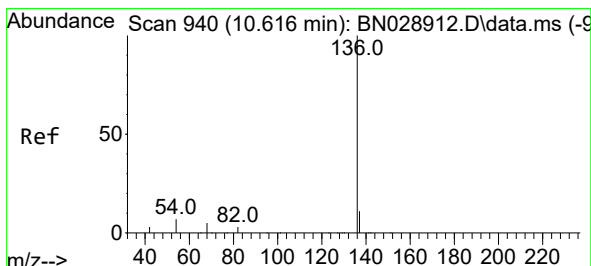
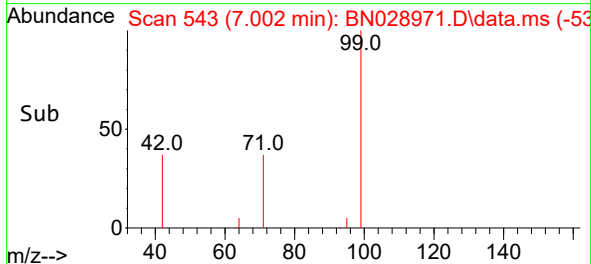
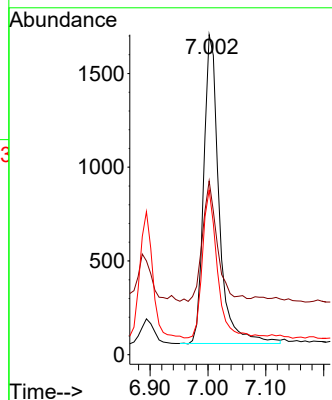
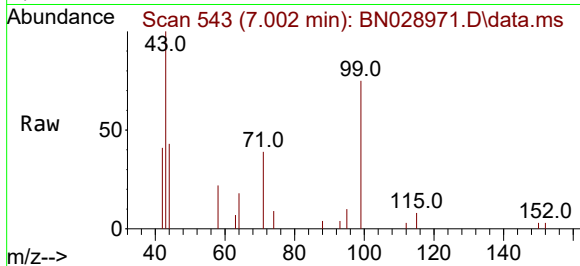




#5
Phenol-d6
Concen: 0.344 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.008 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

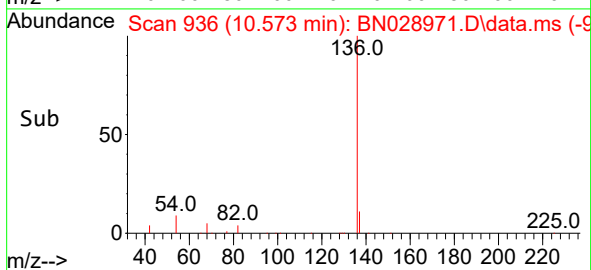
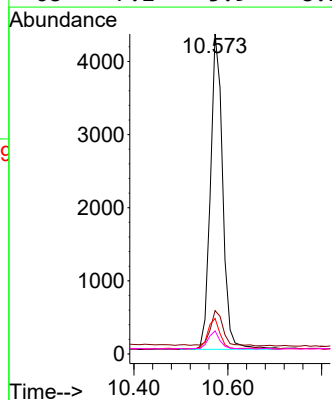
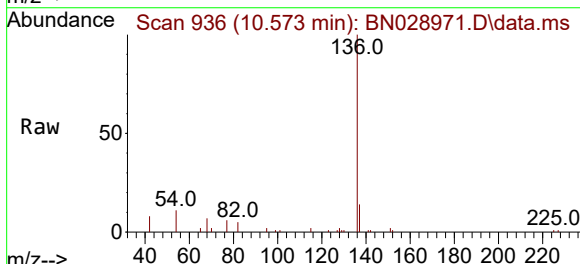
Instrument :
BNA_N
ClientSampleId :
PB157164BL

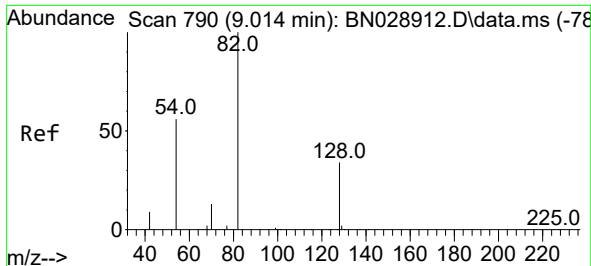
Tgt Ion: 99 Resp: 3048
Ion Ratio Lower Upper
99 100
42 38.1 21.2 31.8#
71 46.5 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion: 136 Resp: 7838
Ion Ratio Lower Upper
136 100
137 13.6 10.6 16.0
54 11.1 7.5 11.3
68 7.2 5.9 8.9

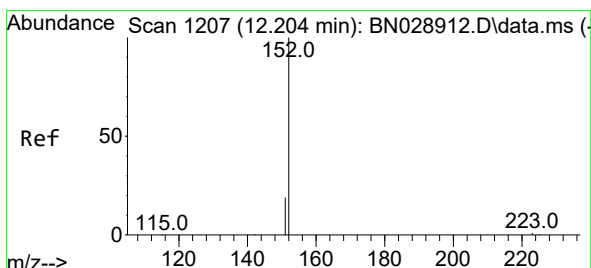
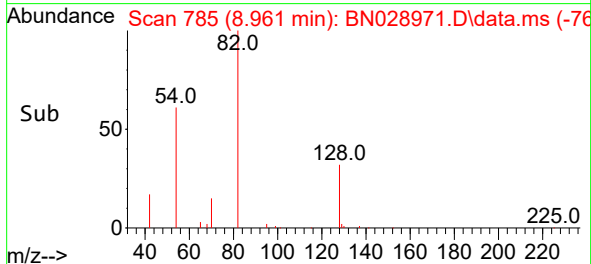
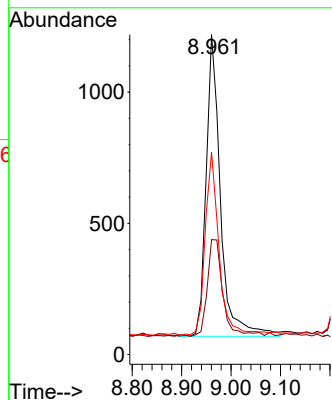
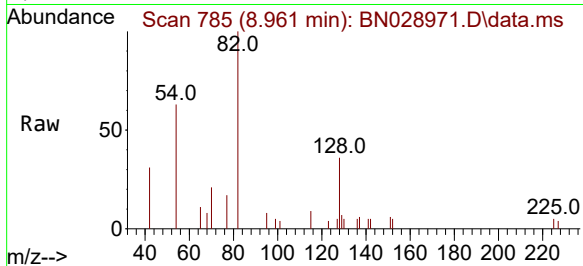




#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.961 min Scan# 719
Delta R.T. -0.011 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

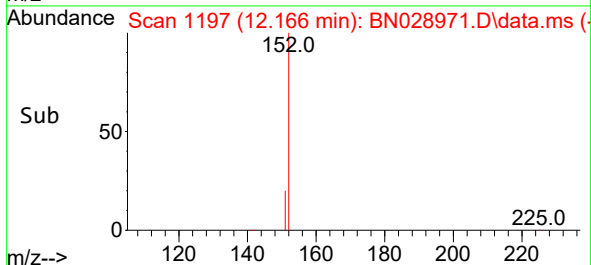
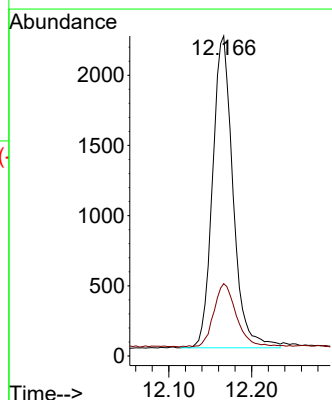
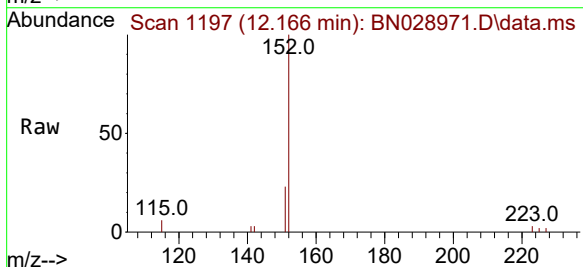
Instrument :
BNA_N
ClientSampleId :
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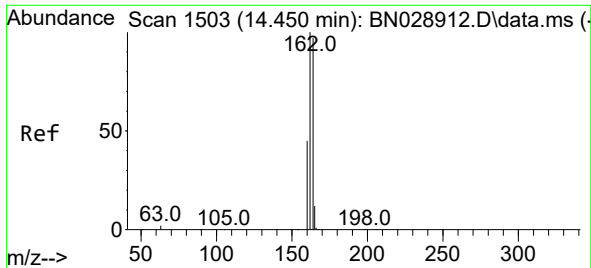
Tgt Ion: 82 Resp: 2319
Ion Ratio Lower Upper
82 100
128 35.9 29.2 43.8
54 63.2 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.166 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:152 Resp: 3801
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1

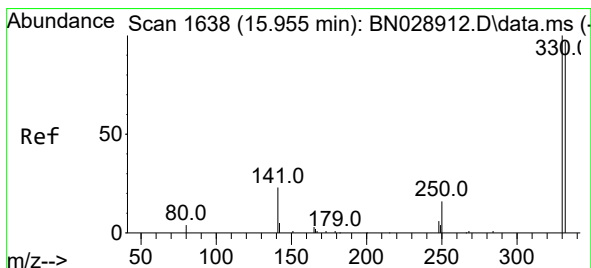
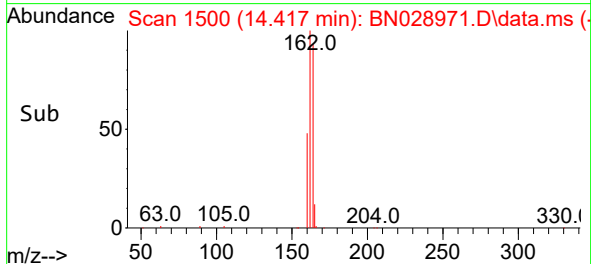
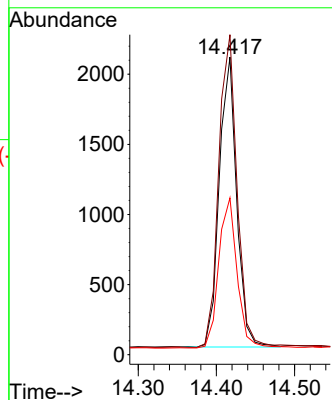
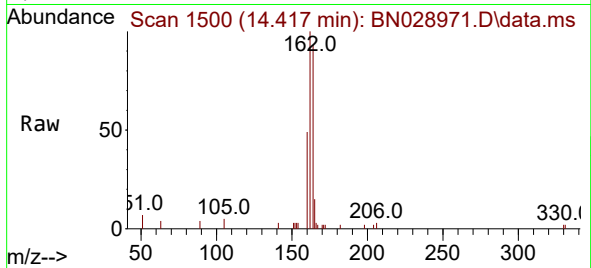




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.417 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

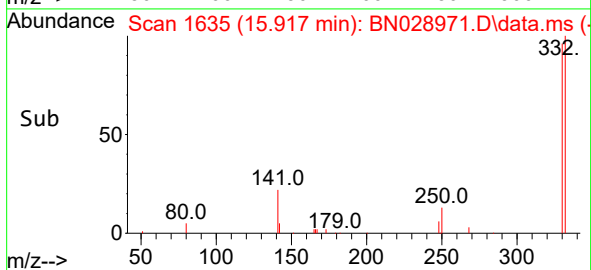
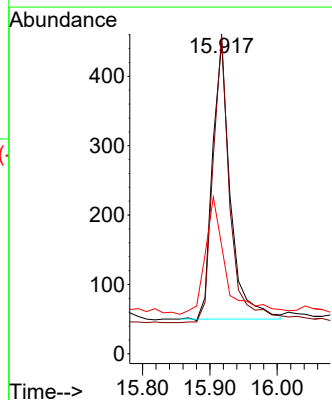
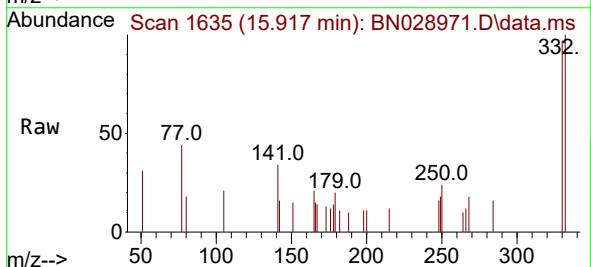
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ClientSampleId :
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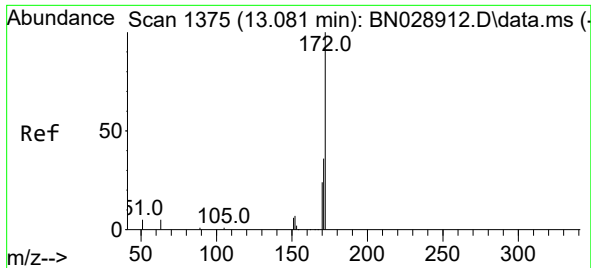
Tgt Ion:164 Resp: 3198
Ion Ratio Lower Upper
164 100
162 107.5 81.7 122.5
160 52.7 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.917 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:330 Resp: 742
Ion Ratio Lower Upper
330 100
332 99.3 75.4 113.2
141 48.4 35.7 53.5

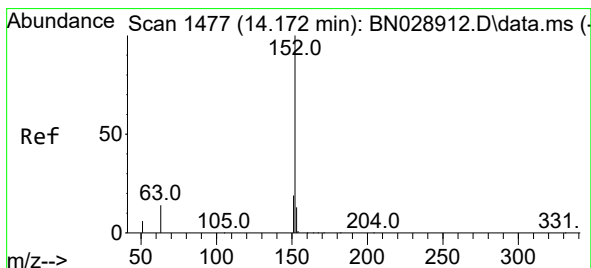
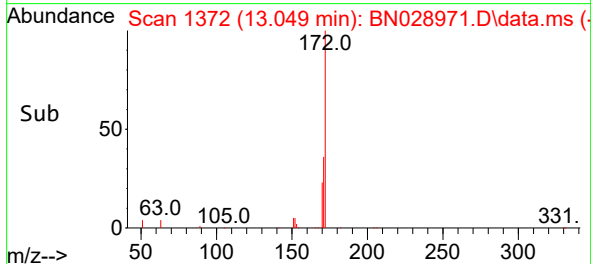
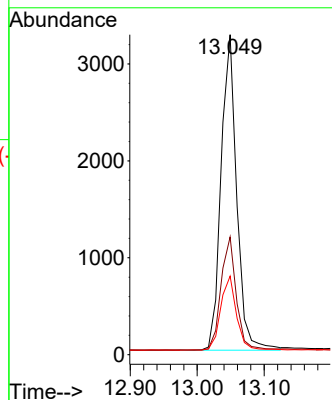
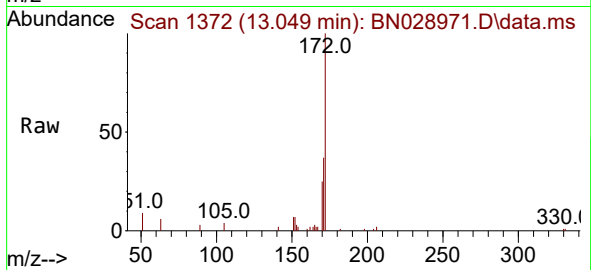




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.049 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

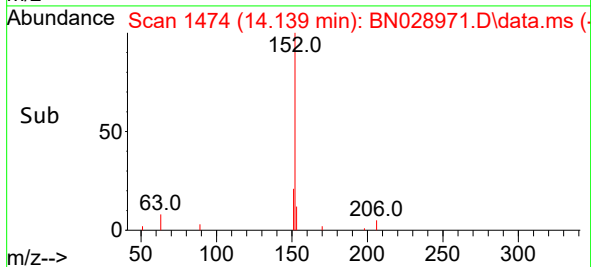
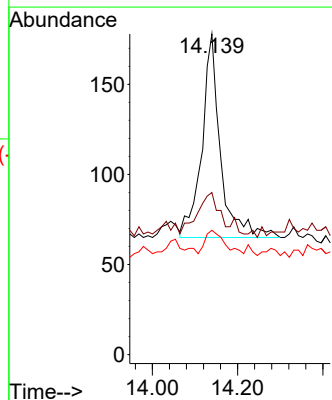
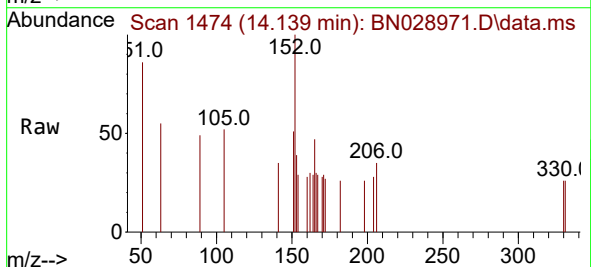
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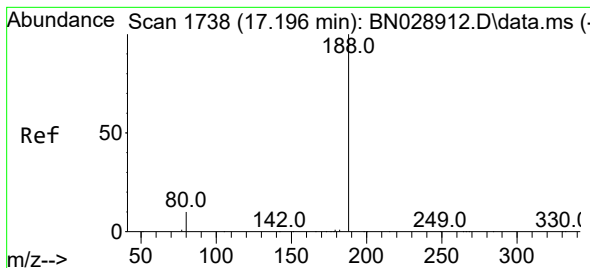
Tgt Ion:172 Resp: 5293
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.5 19.7 29.5



#16
Acenaphthylene
Concen: 0.020 ng
RT: 14.139 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:152 Resp: 344
Ion Ratio Lower Upper
152 100
151 25.3 15.9 23.9#
153 12.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN028971.D

Acq: 02 Dec 2023 06:51

Instrument :

BNA_N

ClientSampleId :

PB157164BL

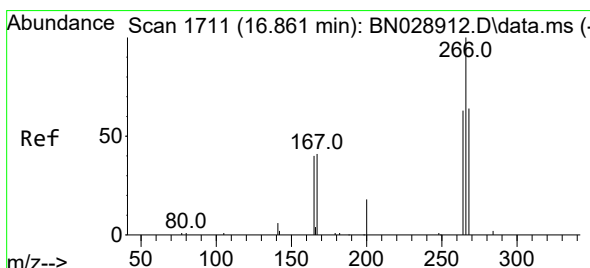
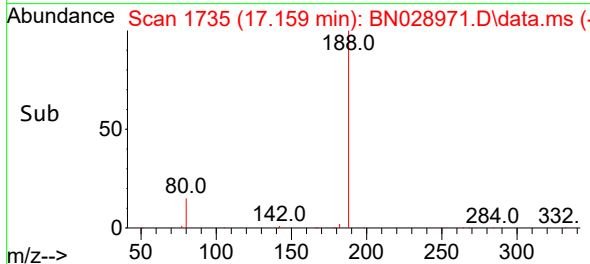
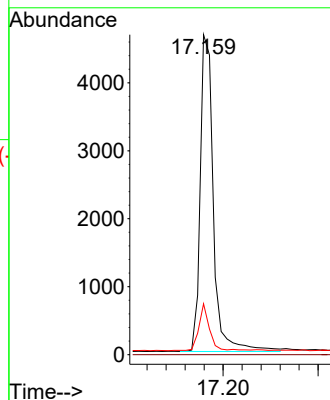
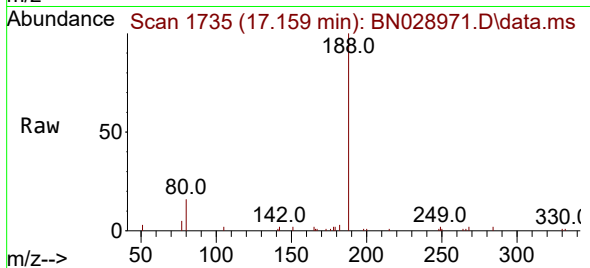
Tgt Ion:188 Resp: 8969

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.9 9.0 13.6#



#24

Pentachlorophenol

Concen: 0.036 ng

RT: 16.824 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BN028971.D

Acq: 02 Dec 2023 06:51

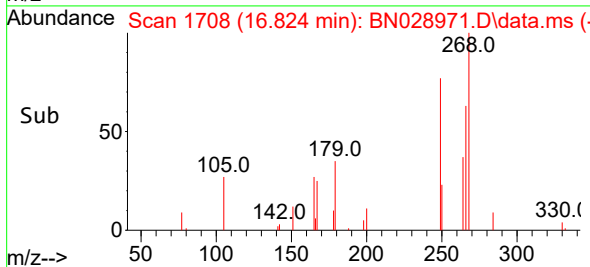
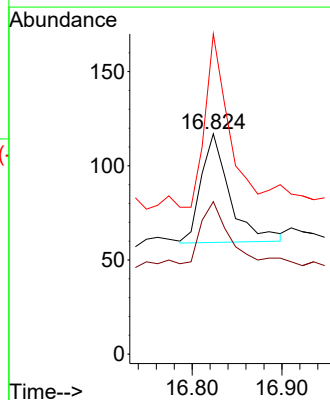
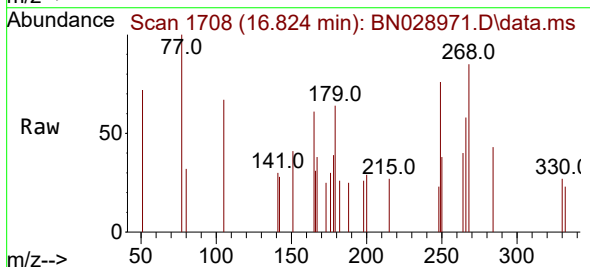
Tgt Ion:266 Resp: 128

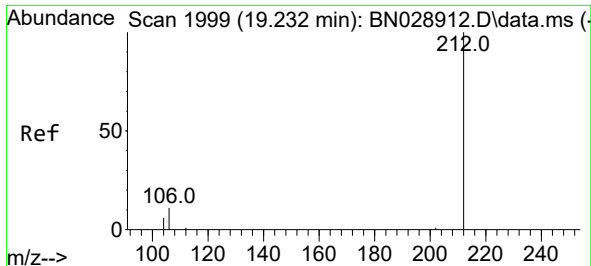
Ion Ratio Lower Upper

266 100

264 78.9 50.7 76.1#

268 145.3 54.9 82.3#

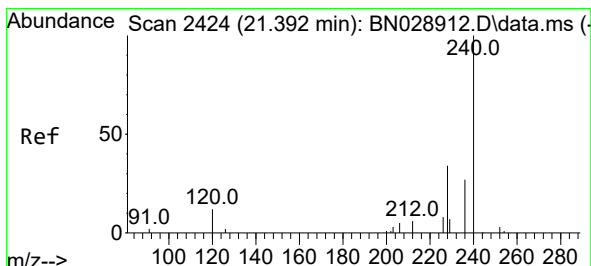
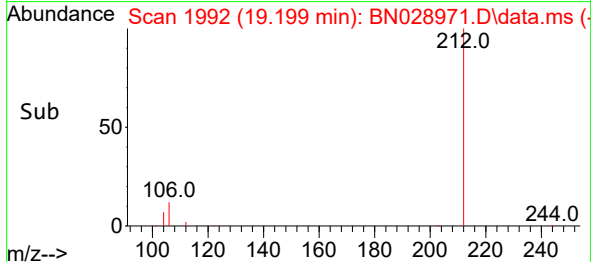
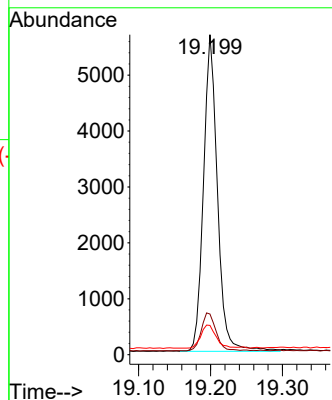
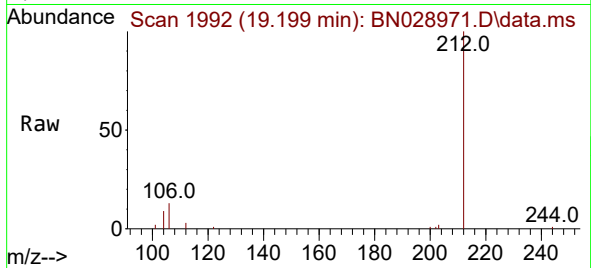




#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.199 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

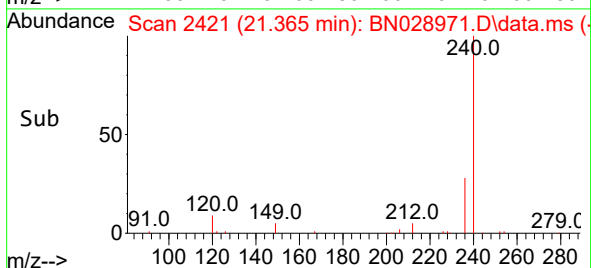
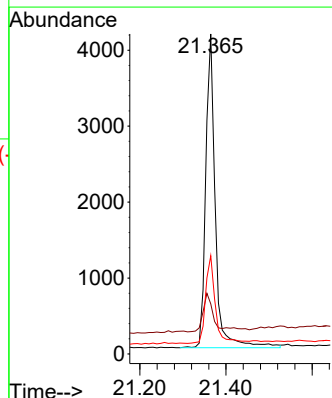
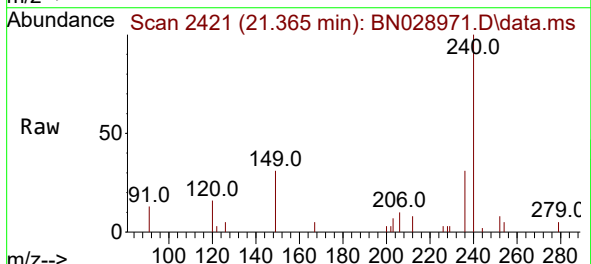
Instrument :
BNA_N
ClientSampleId :
PB157164BL

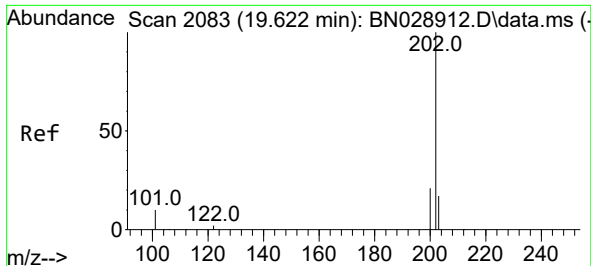
Tgt Ion:212 Resp: 7612
Ion Ratio Lower Upper
212 100
106 12.6 9.4 14.2
104 8.0 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:240 Resp: 6398
Ion Ratio Lower Upper
240 100
120 15.6 37.1 55.7#
236 30.7 32.4 48.6#

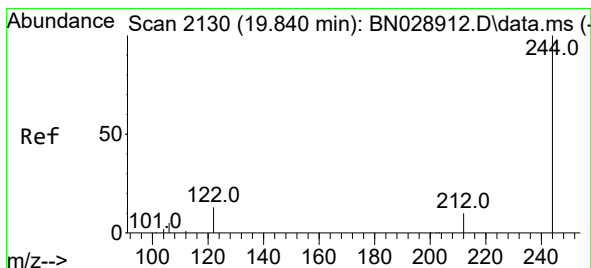
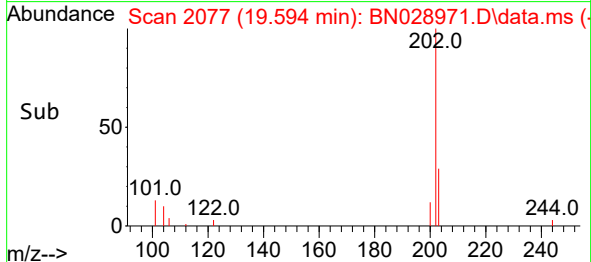
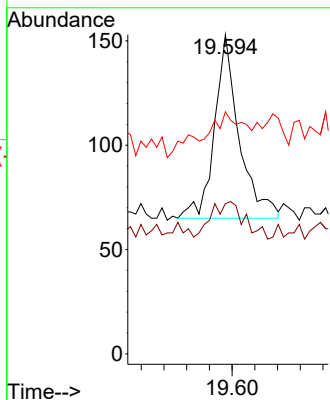
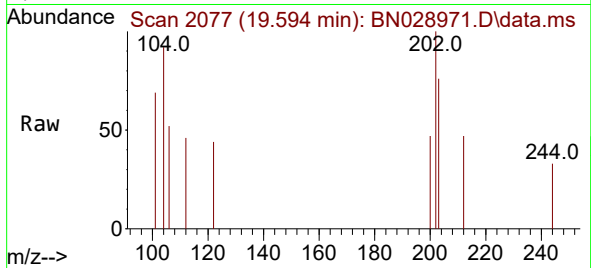




#30
Pyrene
Concen: 0.097 ng
RT: 19.594 min Scan# 2083
Delta R.T. -0.010 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

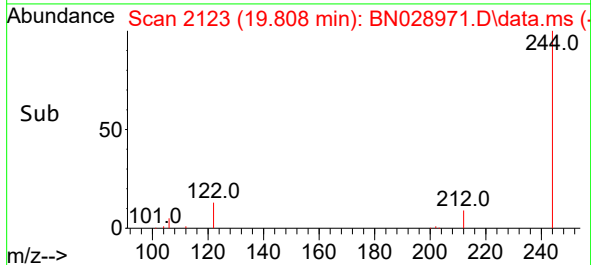
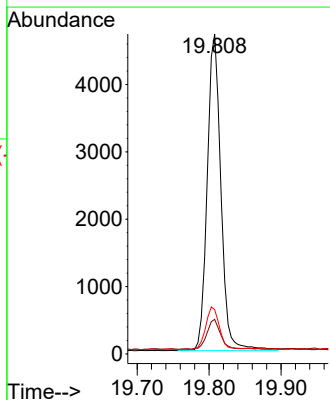
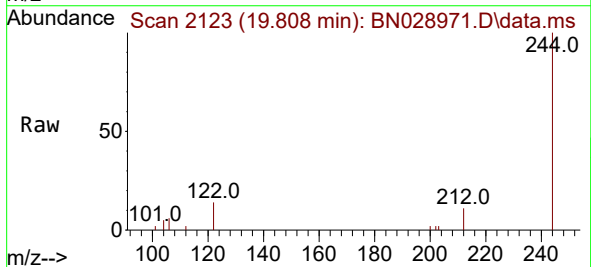
Instrument :
BNA_N
ClientSampleId :
PB157164BL

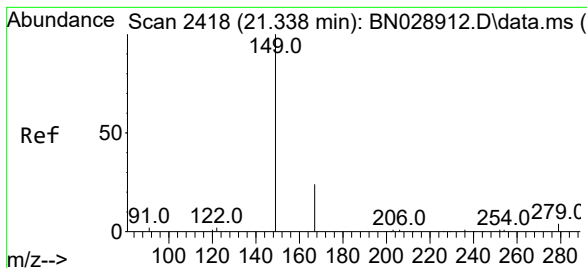
Tgt Ion:202 Resp: 133
Ion Ratio Lower Upper
202 100
200 27.8 16.9 25.3#
203 18.0 14.8 22.2



#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.808 min Scan# 2123
Delta R.T. -0.010 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:244 Resp: 6179
Ion Ratio Lower Upper
244 100
212 10.8 11.5 17.3#
122 13.9 13.2 19.8

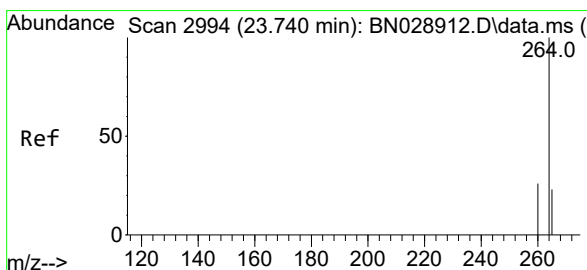
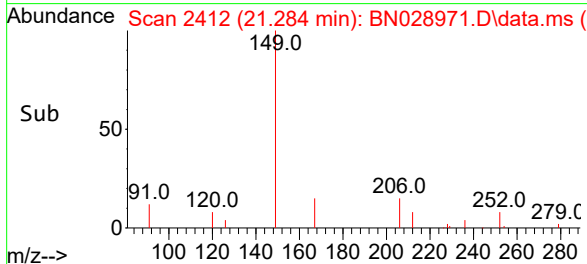
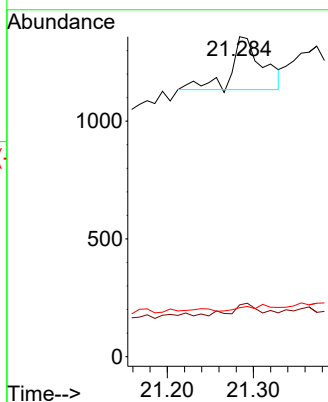
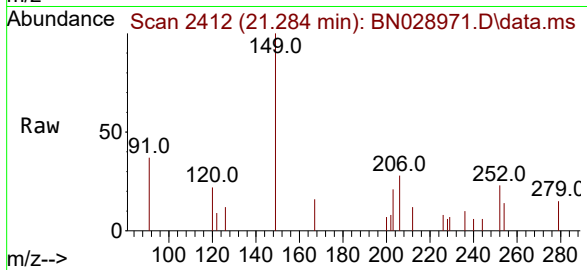




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.284 min Scan# 2412
 Delta R.T. -0.018 min
 Lab File: BN028971.D
 Acq: 02 Dec 2023 06:51

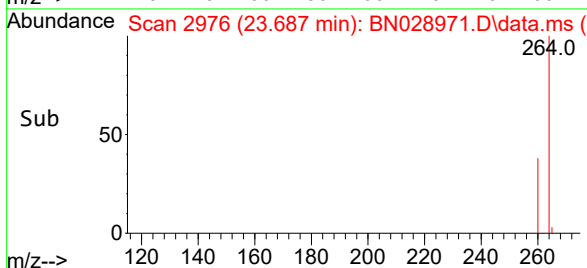
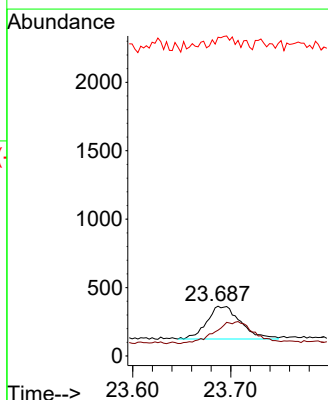
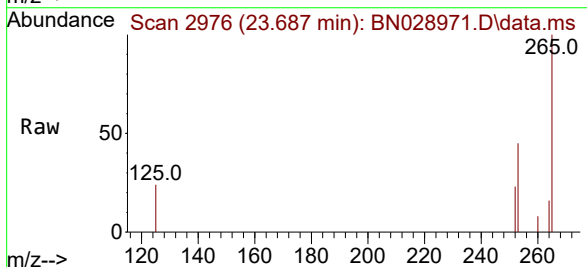
Instrument :
 BNA_N
 ClientSampleId :
 PB157164BL

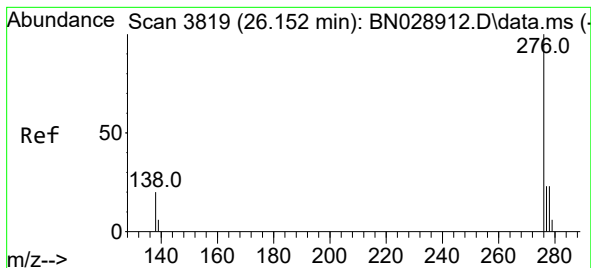
Tgt Ion:149 Resp: 571
 Ion Ratio Lower Upper
 149 100
 167 21.5 14.9 22.3
 279 0.0 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.687 min Scan# 2976
 Delta R.T. -0.021 min
 Lab File: BN028971.D
 Acq: 02 Dec 2023 06:51

Tgt Ion:264 Resp: 574
 Ion Ratio Lower Upper
 264 100
 260 51.9 20.6 30.8#
 265 640.1 464.5 696.7





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng

RT: 26.079 min Scan# 31

Delta R.T. -0.024 min

Lab File: BN028971.D

Acq: 02 Dec 2023 06:51

Instrument :

BNA_N

ClientSampleId :

PB157164BL

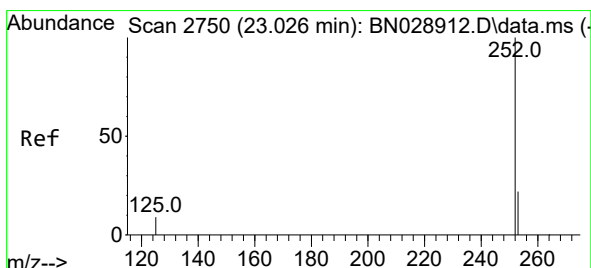
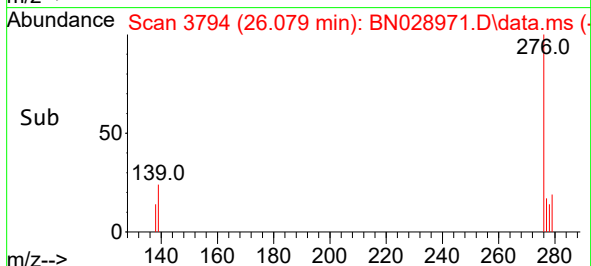
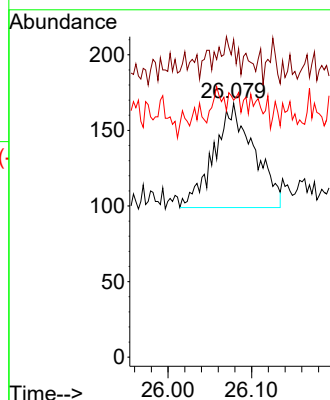
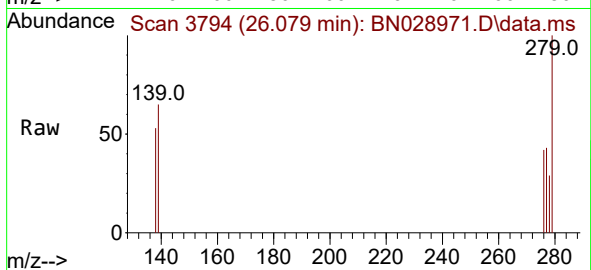
Tgt Ion:276 Resp: 229

Ion Ratio Lower Upper

276 100

138 11.8 20.9 31.3#

277 4.8 20.2 30.4#



#37

Benzo(b)fluoranthene

Concen: 0.068 ng

RT: 22.991 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BN028971.D

Acq: 02 Dec 2023 06:51

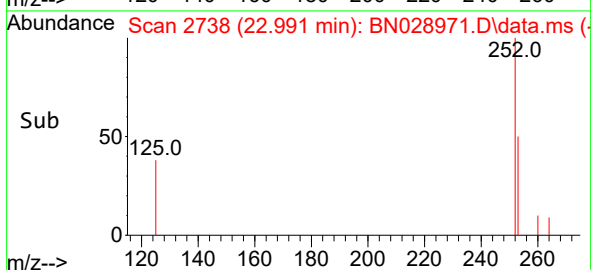
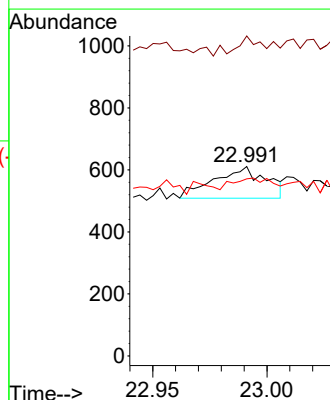
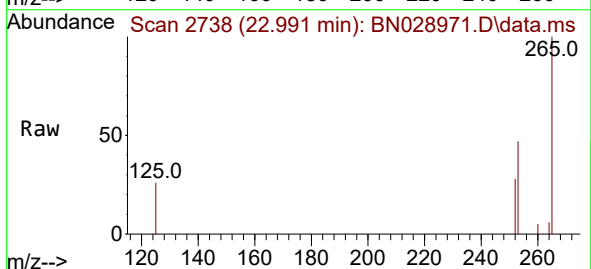
Tgt Ion:252 Resp: 160

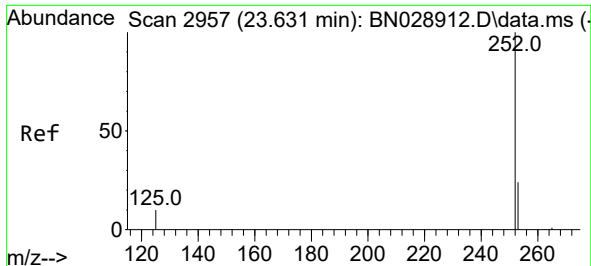
Ion Ratio Lower Upper

252 100

253 168.9 94.5 141.7#

125 93.5 23.8 35.8#

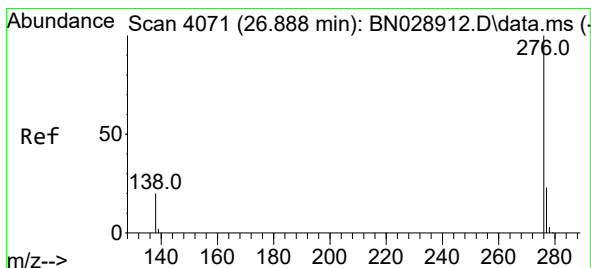
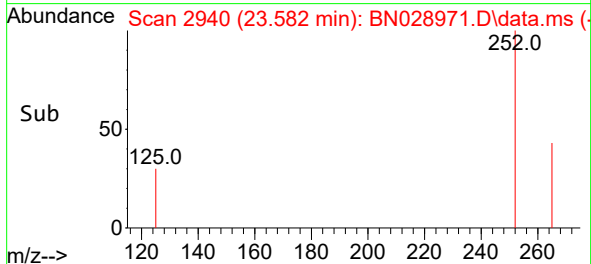
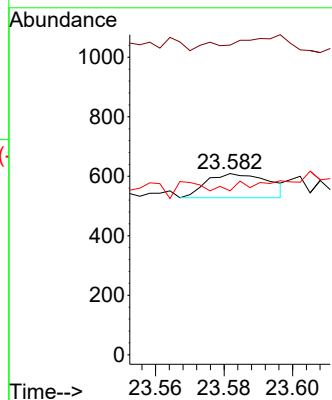
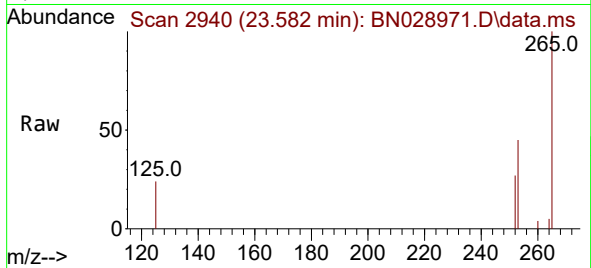




#39
Benzo(a)pyrene
Concen: 0.048 ng
RT: 23.582 min Scan# 2940
Delta R.T. -0.021 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Instrument :
BNA_N
ClientSampleId :
PB157164BL

Tgt Ion:252 Resp: 101
Ion Ratio Lower Upper
252 100
253 170.9 110.2 165.4#
125 90.5 27.0 40.4#



#41
Benzo(g,h,i)perylene
Concen: 0.079 ng
RT: 26.804 min Scan# 4042
Delta R.T. -0.038 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:276 Resp: 172
Ion Ratio Lower Upper
276 100
277 91.1 28.9 43.3#
138 110.4 36.2 54.2#

