

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028990.D
 Acq On : 02 Dec 2023 19:23
 Operator : MA/JU
 Sample : PB157240BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157240BL

Quant Time: Dec 03 08:15:26 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)

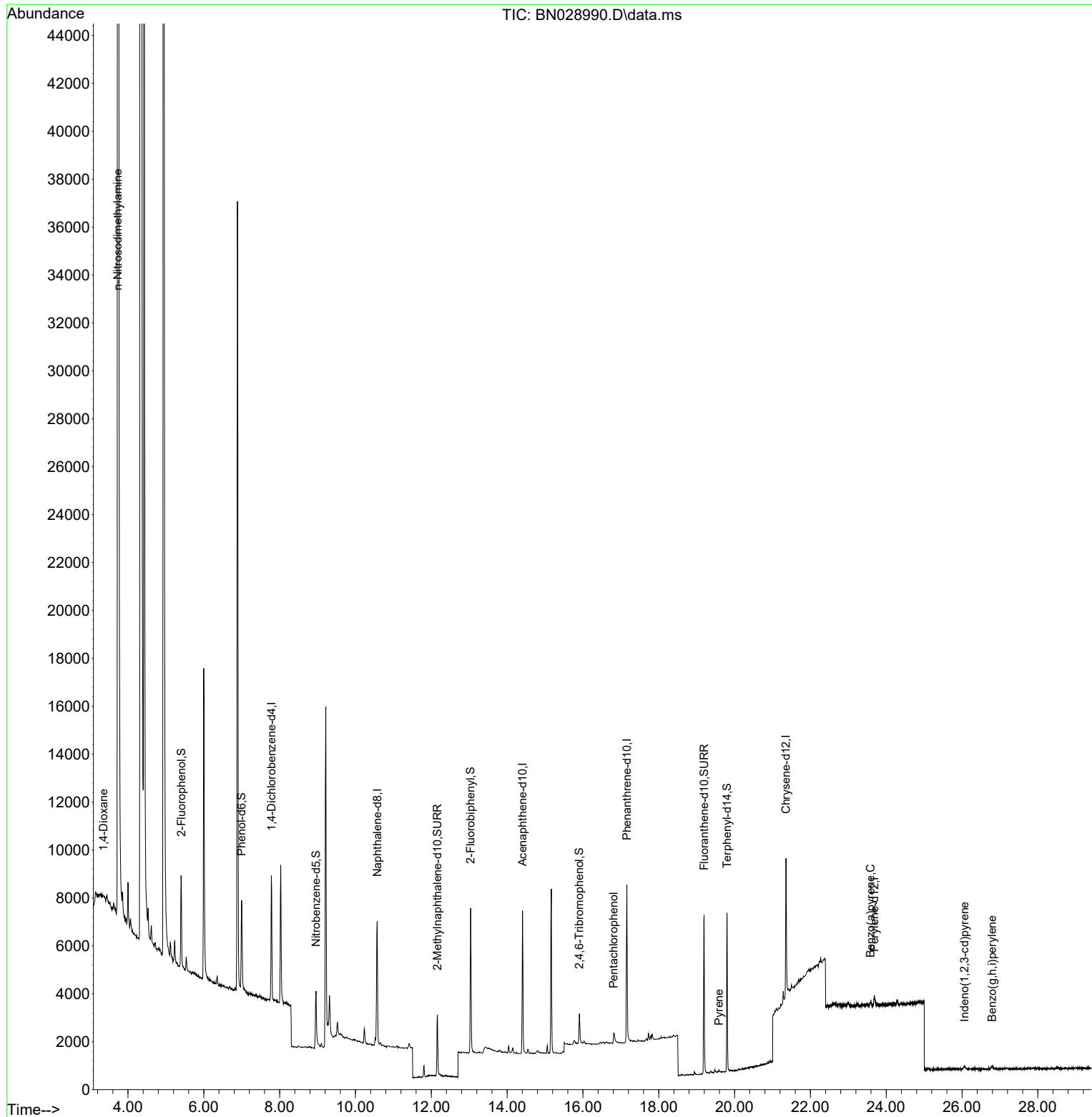
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2416	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	7272	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3179	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	9445	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	6231	0.400	ng	#-0.02
35) Perylene-d12	23.687	264	499	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	2593	0.354	ng	0.00
5) Phenol-d6	6.995	99	2808	0.346	ng	-0.01
8) Nitrobenzene-d5	8.961	82	2092	0.289	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	3617	0.310	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	796	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5214	0.380	ng	-0.01
27) Fluoranthene-d10	19.195	212	7921	0.319	ng	-0.01
31) Terphenyl-d14	19.798	244	6623	0.383	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	132	0.056	ng	# 47
3) n-Nitrosodimethylamine	3.730	42	34200	9.299	ng	# 17
24) Pentachlorophenol	16.811	266	204	0.055	ng	# 64
30) Pyrene	19.589	202	129	0.097	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.284	149	874	Below Cal		# 93
36) Indeno(1,2,3-cd)pyrene	26.064	276	66	0.030	ng	# 66
39) Benzo(a)pyrene	23.585	252	155	0.085	ng	# 61
41) Benzo(g,h,i)perylene	26.792	276	155	0.082	ng	# 18

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028990.D
Acq On : 02 Dec 2023 19:23
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157240BL

Quant Time: Dec 03 08:15:26 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

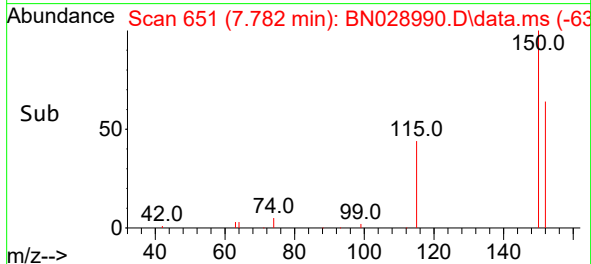
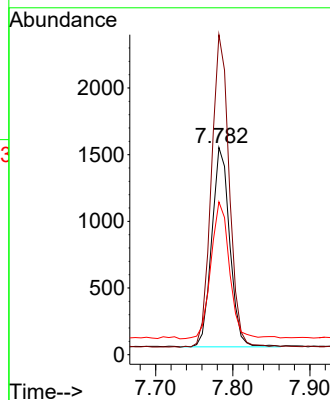
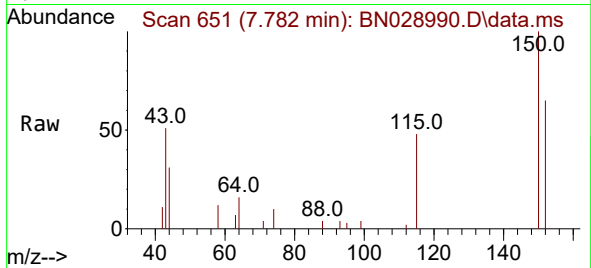




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

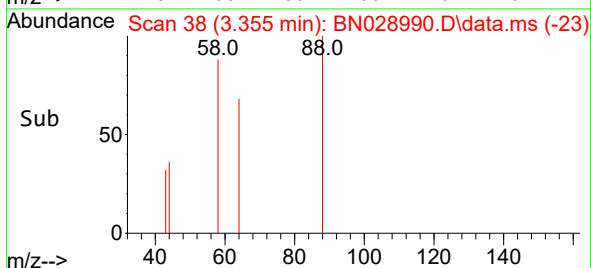
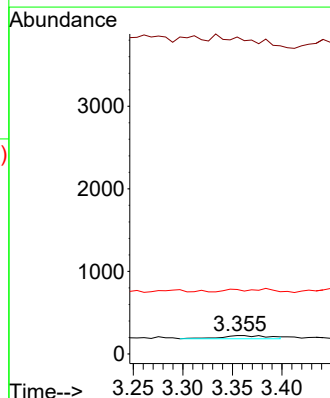
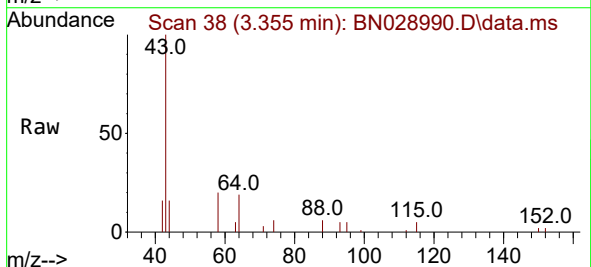
Instrument :
 BNA_N
 ClientSampleId :
 PB157240BL

Tgt Ion:152 Resp: 2416
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.4 185.2
 115 73.7 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.056 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.007 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

Tgt Ion: 88 Resp: 132
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 29.5 55.0 82.4#

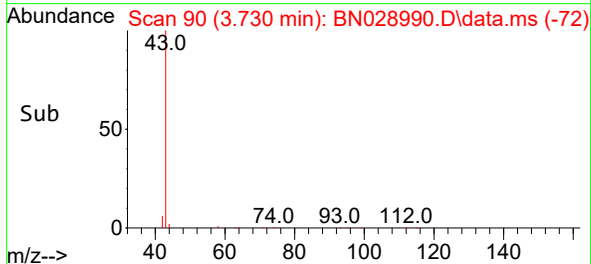
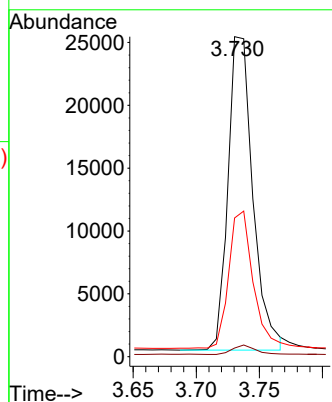
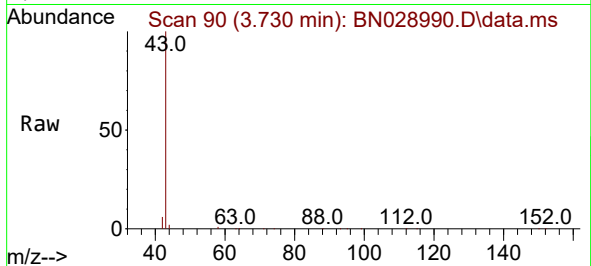




#3
 n-Nitrosodimethylamine
 Concen: 9.299 ng
 RT: 3.730 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

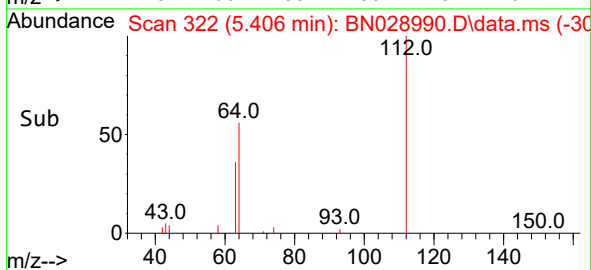
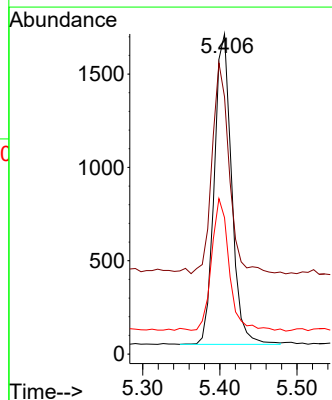
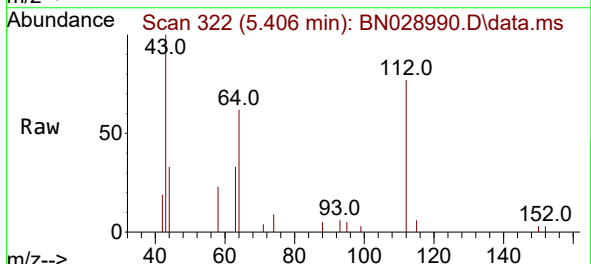
Instrument :
 BNA_N
 ClientSampleId :
 PB157240BL

Tgt Ion: 42 Resp: 34200
 Ion Ratio Lower Upper
 42 100
 74 2.7 57.0 85.6#
 44 42.8 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.354 ng
 RT: 5.406 min Scan# 322
 Delta R.T. -0.008 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

Tgt Ion: 112 Resp: 2593
 Ion Ratio Lower Upper
 112 100
 64 67.2 51.5 77.3
 63 43.8 30.4 45.6

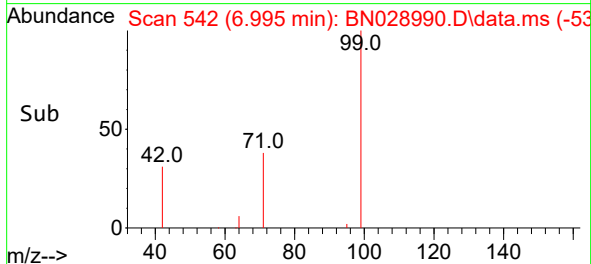
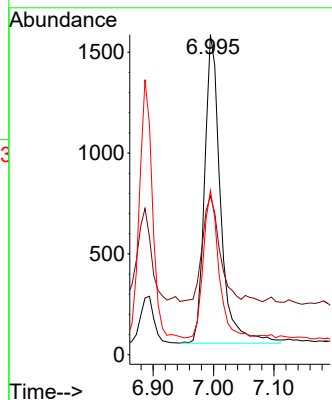
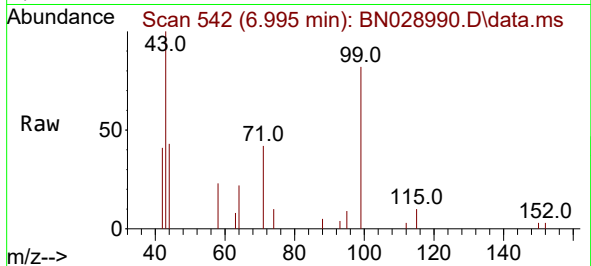




#5
Phenol-d6
Concen: 0.346 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

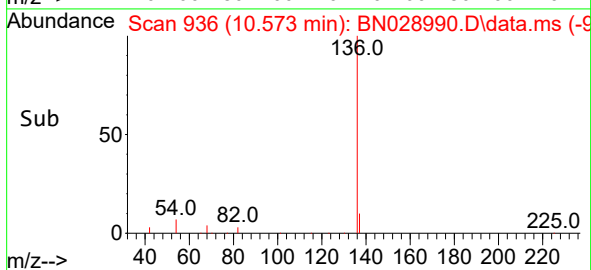
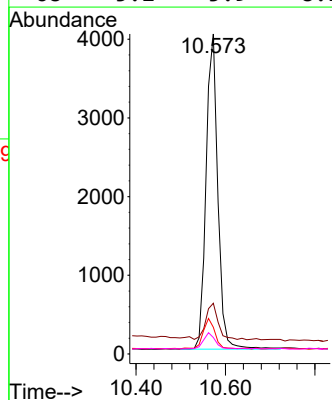
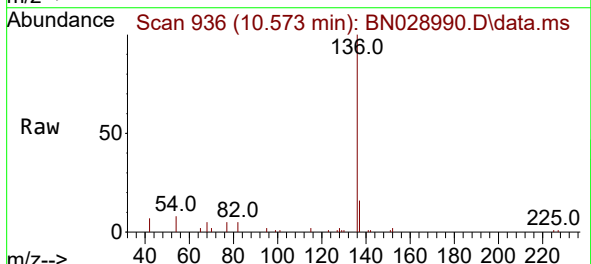
Instrument :
BNA_N
ClientSampleId :
PB157240BL

Tgt Ion: 99 Resp: 2808
Ion Ratio Lower Upper
99 100
42 35.6 21.2 31.8#
71 46.2 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: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion: 136 Resp: 7272
Ion Ratio Lower Upper
136 100
137 15.8 10.6 16.0
54 8.3 7.5 11.3
68 5.2 5.9 8.9#

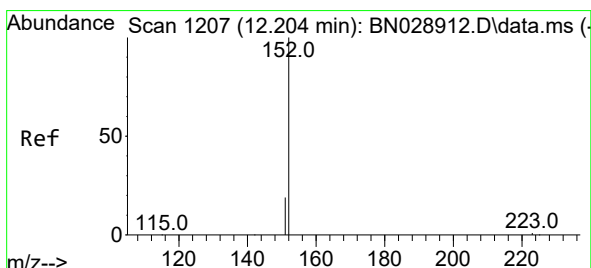
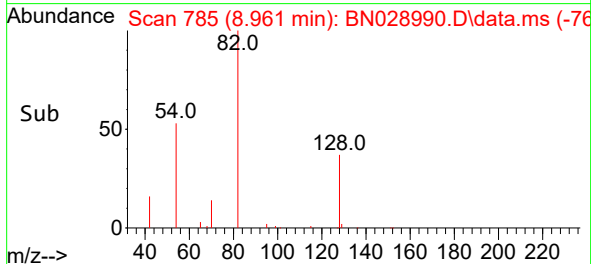
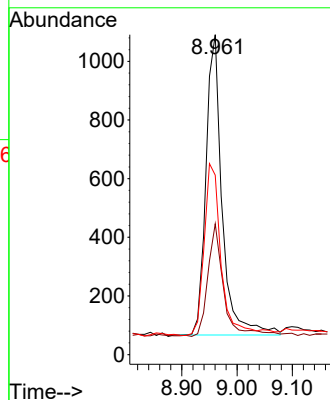
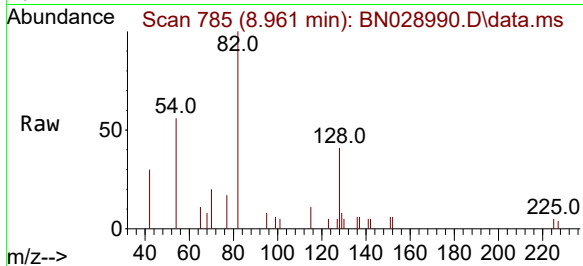




#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

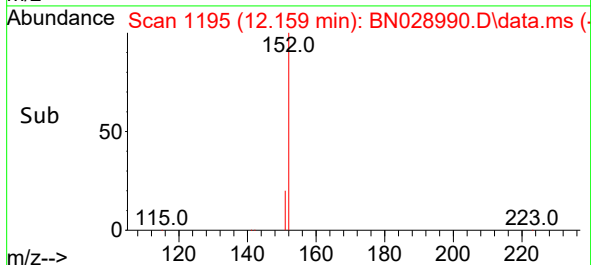
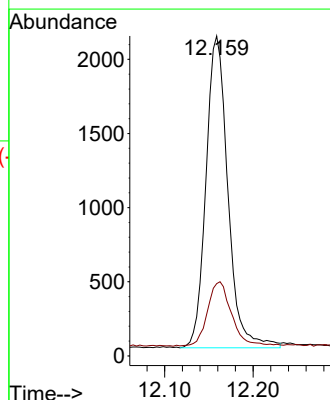
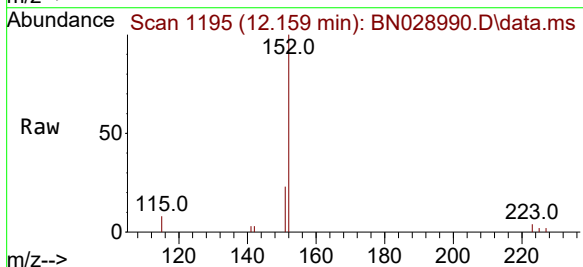
Instrument :
BNA_N
ClientSampleId :
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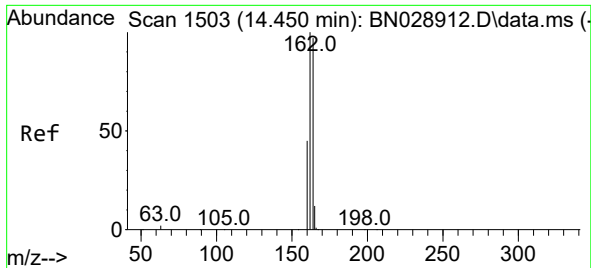
Tgt Ion: 82 Resp: 2092
Ion Ratio Lower Upper
82 100
128 40.9 29.2 43.8
54 56.1 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion: 152 Resp: 3617
Ion Ratio Lower Upper
152 100
151 22.8 16.7 25.1

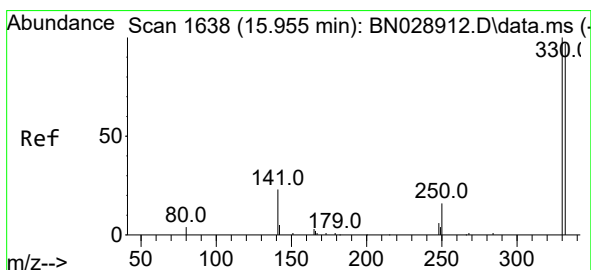
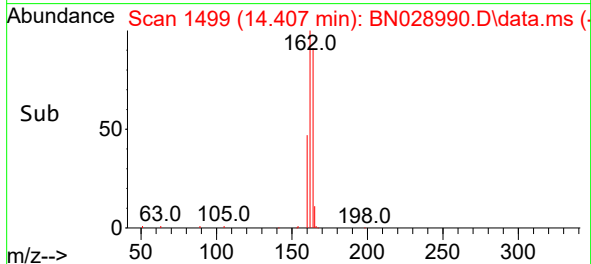
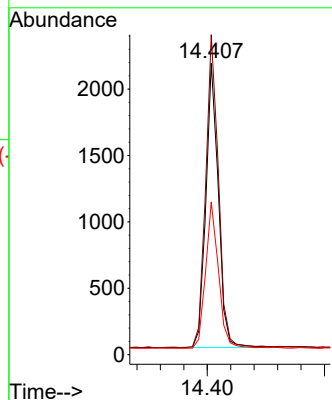
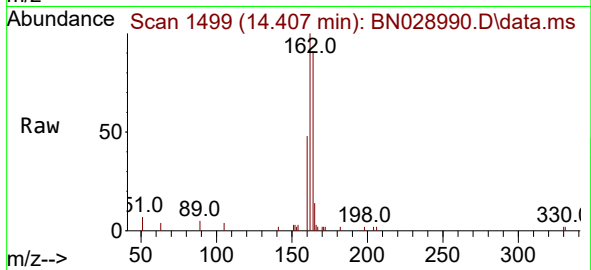




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

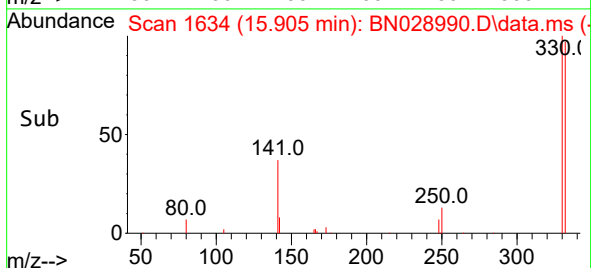
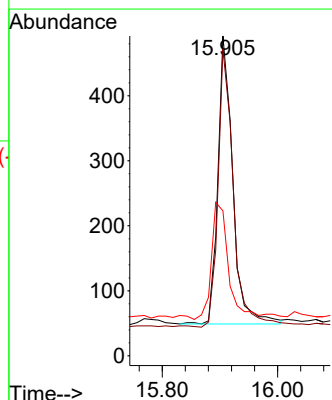
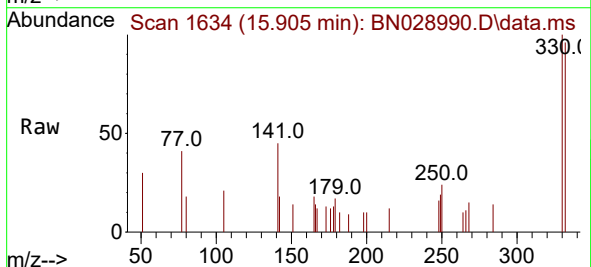
Instrument :
BNA_N
ClientSampleId :
PB157240BL

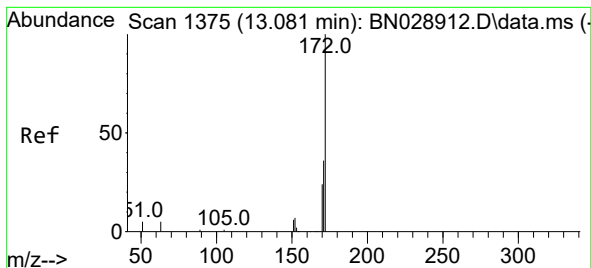
Tgt Ion:164 Resp: 3179
Ion Ratio Lower Upper
164 100
162 109.7 81.7 122.5
160 52.4 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion:330 Resp: 796
Ion Ratio Lower Upper
330 100
332 98.0 75.4 113.2
141 47.9 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 13.038 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Instrument :

BNA_N

ClientSampleId :

PB157240BL

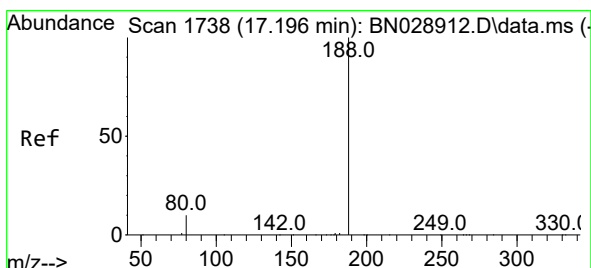
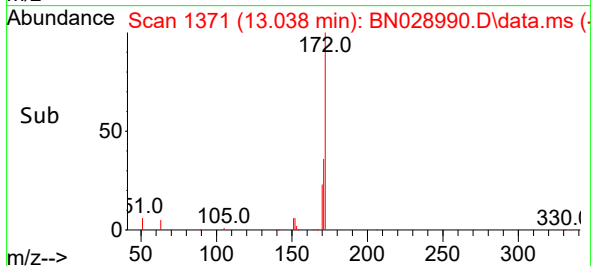
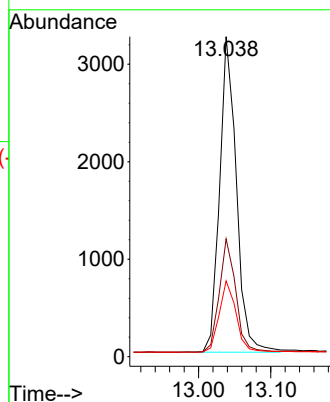
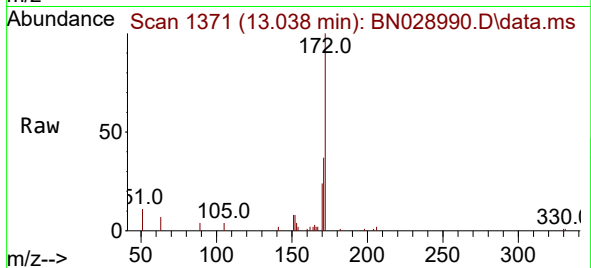
Tgt Ion:172 Resp: 5214

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 23.7 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1735

Delta R.T. -0.013 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

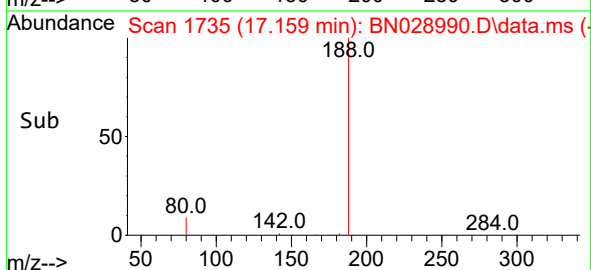
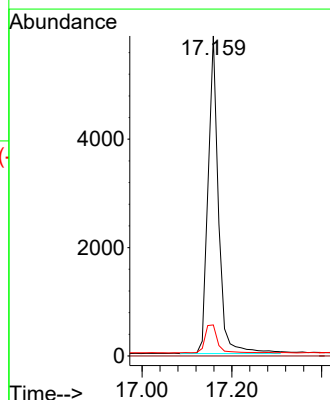
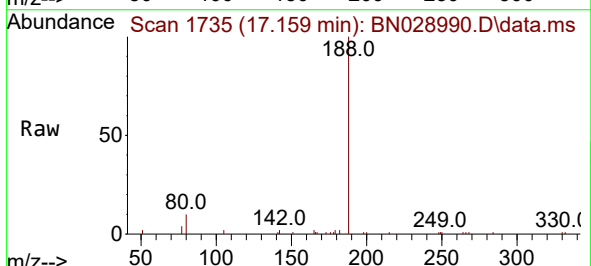
Tgt Ion:188 Resp: 9445

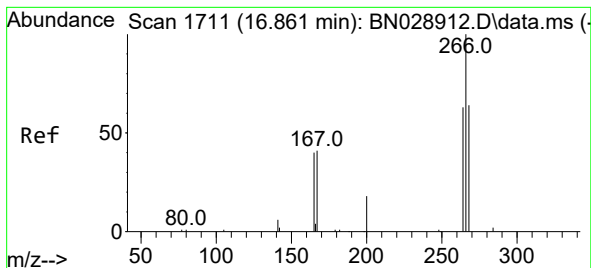
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 9.0 13.6





#24

Pentachlorophenol

Concen: 0.055 ng

RT: 16.811 min Scan# 1707

Delta R.T. -0.013 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Instrument :

BNA_N

ClientSampleId :

PB157240BL

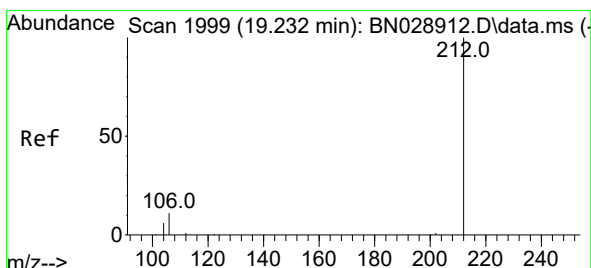
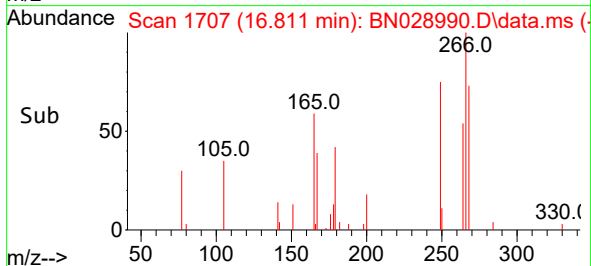
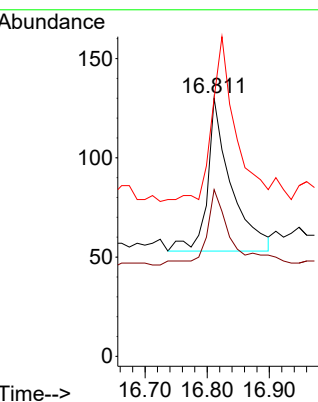
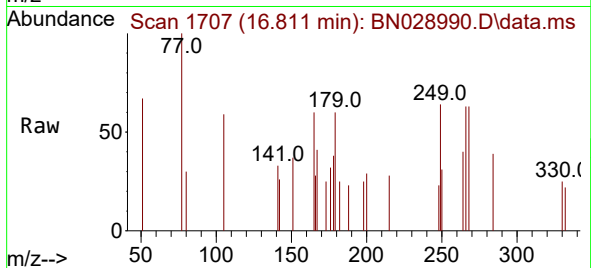
Tgt Ion:266 Resp: 204

Ion Ratio Lower Upper

266 100

264 44.6 50.7 76.1#

268 106.4 54.9 82.3#



#27

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.195 min Scan# 1991

Delta R.T. -0.014 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

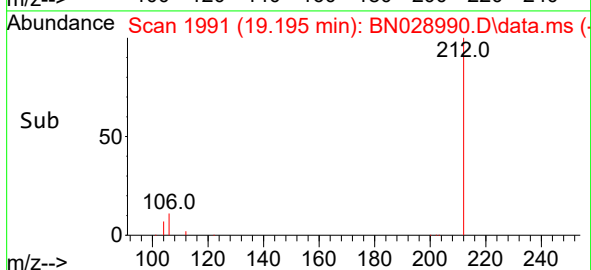
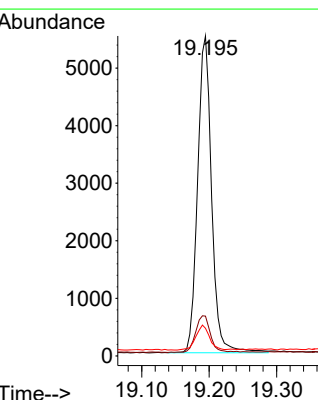
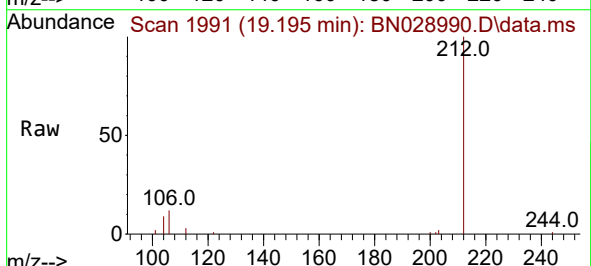
Tgt Ion:212 Resp: 7921

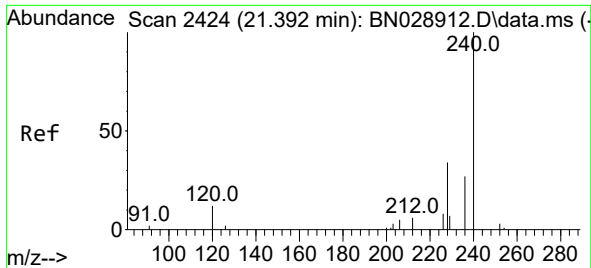
Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.2

104 7.5 6.2 9.2

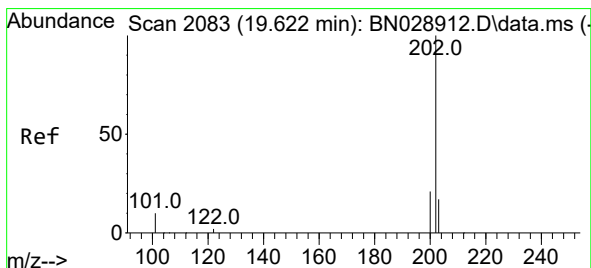
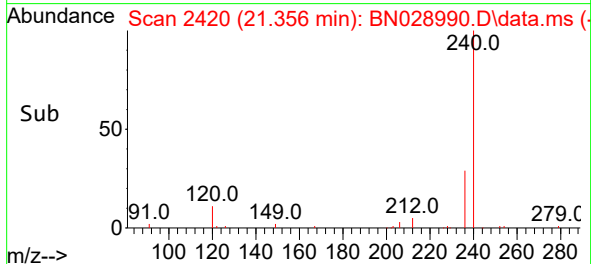
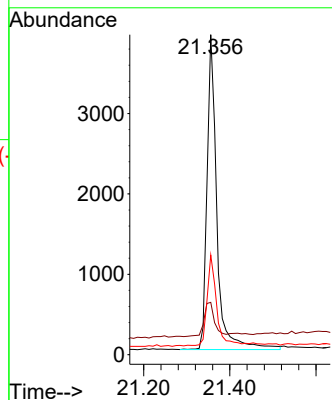
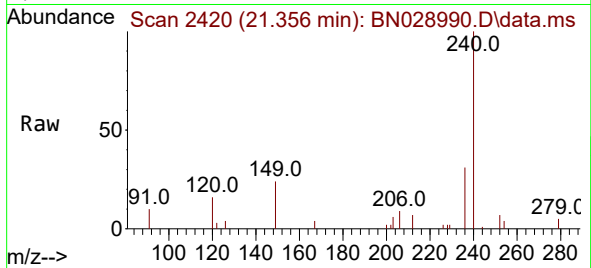




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

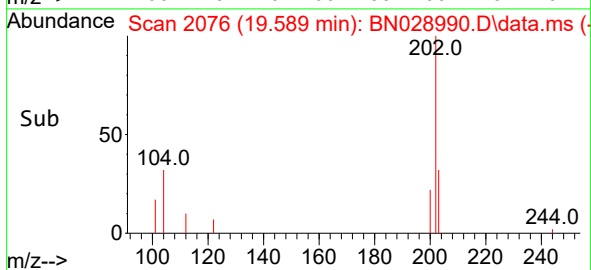
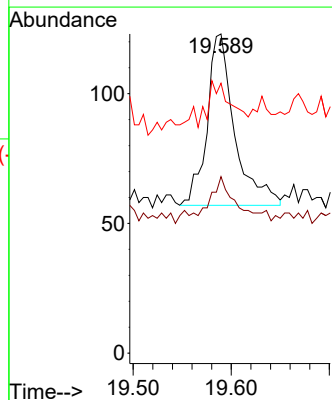
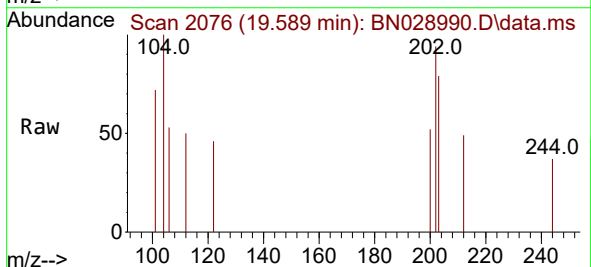
Instrument :
BNA_N
ClientSampleId :
PB157240BL

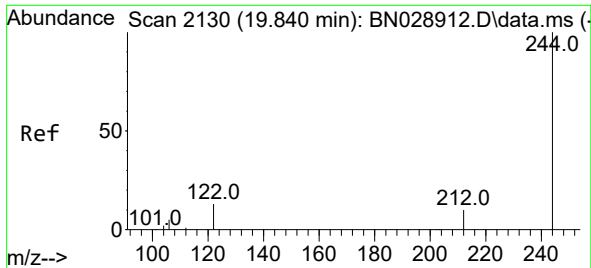
Tgt Ion:240 Resp: 6231
Ion Ratio Lower Upper
240 100
120 16.4 37.1 55.7#
236 31.2 32.4 48.6#



#30
Pyrene
Concen: 0.097 ng
RT: 19.589 min Scan# 2076
Delta R.T. -0.014 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion:202 Resp: 129
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 25.6 14.8 22.2#

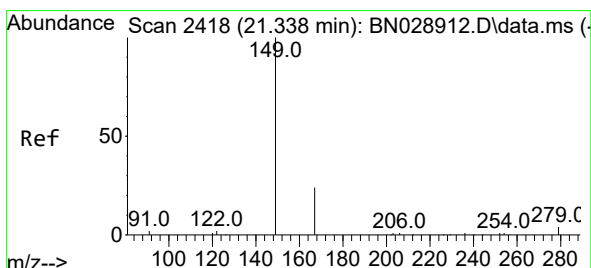
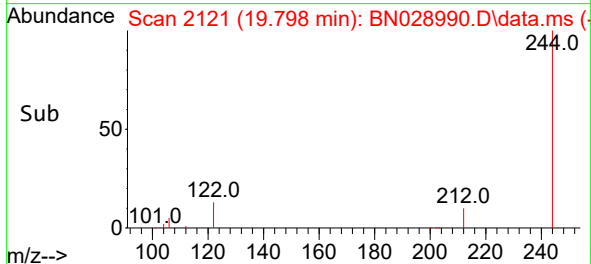
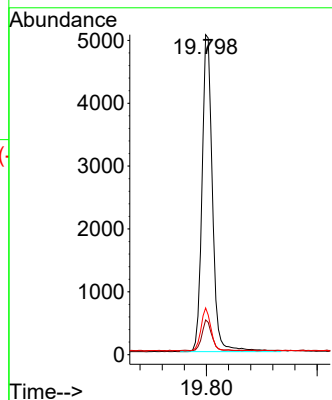
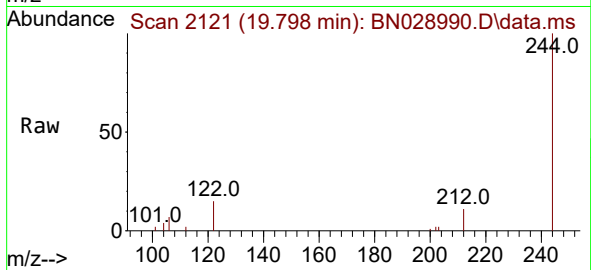




#31
 Terphenyl-d14
 Concen: 0.383 ng
 RT: 19.798 min Scan# 2130
 Delta R.T. -0.019 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

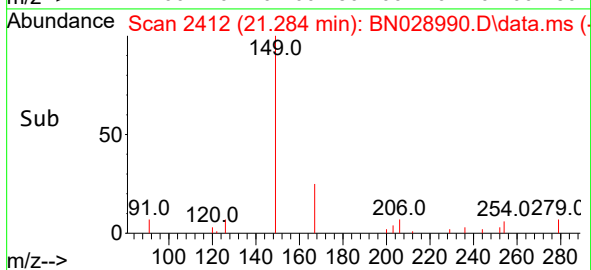
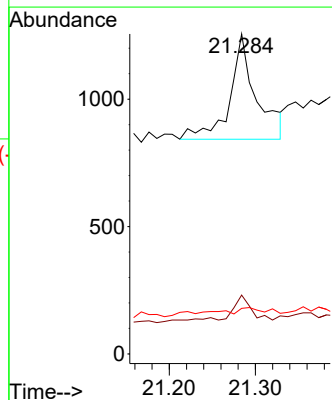
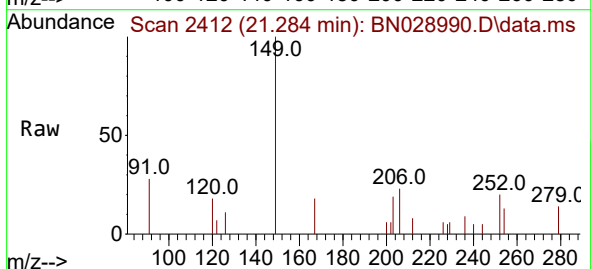
Instrument :
 BNA_N
 ClientSampleId :
 PB157240BL

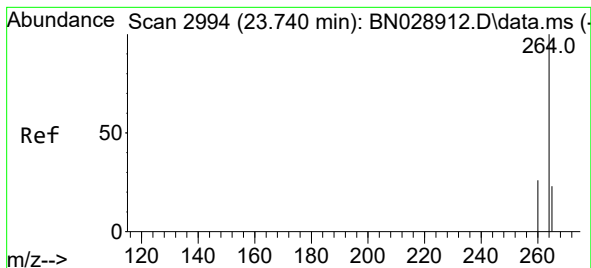
Tgt Ion:244 Resp: 6623
 Ion Ratio Lower Upper
 244 100
 212 10.8 11.5 17.3#
 122 14.6 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.284 min Scan# 2412
 Delta R.T. -0.018 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

Tgt Ion:149 Resp: 874
 Ion Ratio Lower Upper
 149 100
 167 15.2 14.9 22.3
 279 5.8 6.3 9.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.687 min Scan# 2994

Delta R.T. -0.021 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Instrument :

BNA_N

ClientSampleId :

PB157240BL

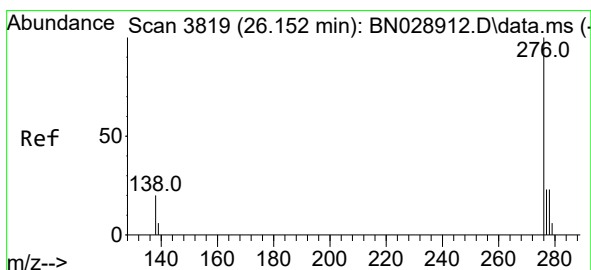
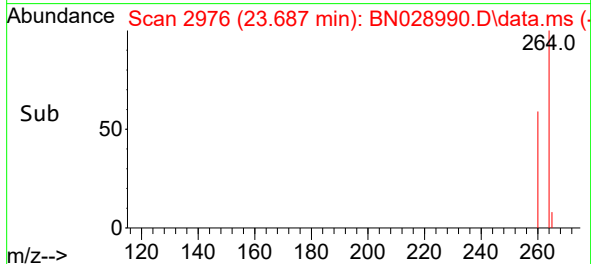
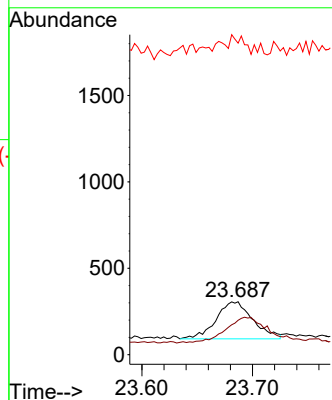
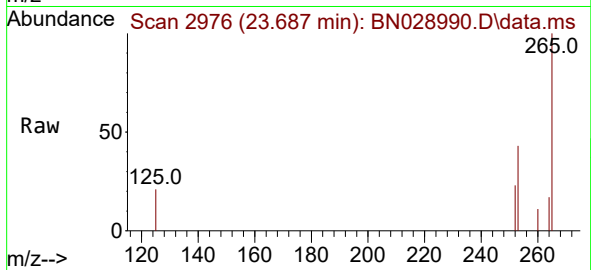
Tgt Ion:264 Resp: 499

Ion Ratio Lower Upper

264 100

260 65.0 20.6 30.8#

265 589.2 464.5 696.7



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng

RT: 26.064 min Scan# 3789

Delta R.T. -0.038 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

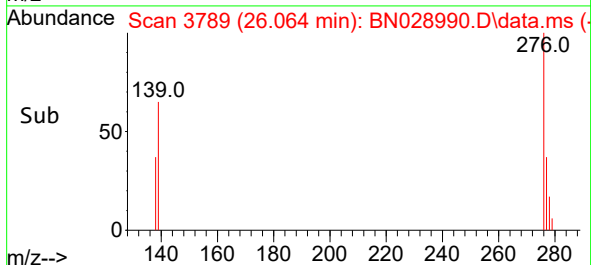
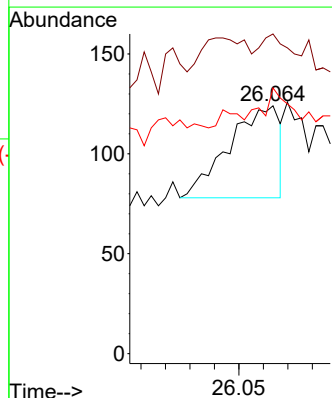
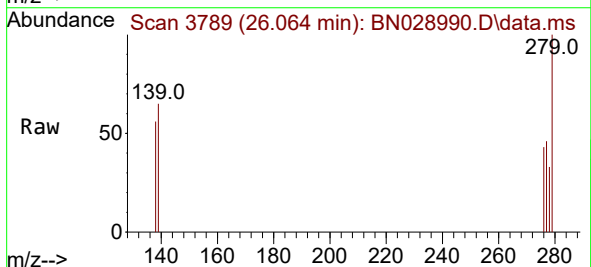
Tgt Ion:276 Resp: 66

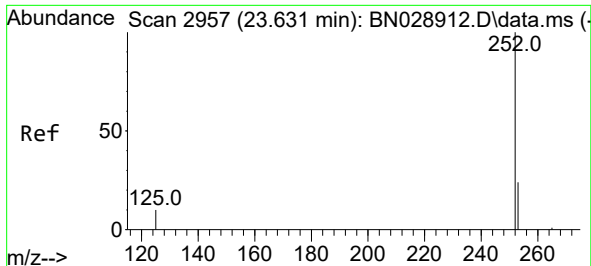
Ion Ratio Lower Upper

276 100

138 43.9 20.9 31.3#

277 42.4 20.2 30.4#





#39

Benzo(a)pyrene

Concen: 0.085 ng

RT: 23.585 min Scan# 2957

Delta R.T. -0.018 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Instrument :

BNA_N

ClientSampleId :

PB157240BL

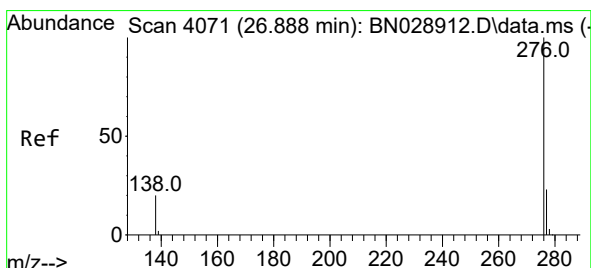
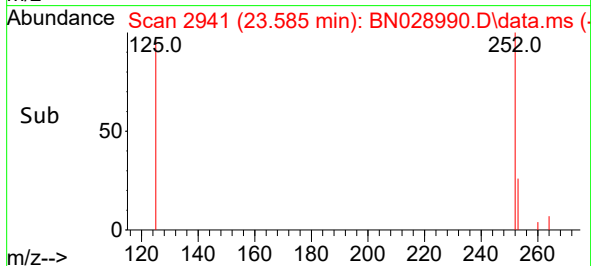
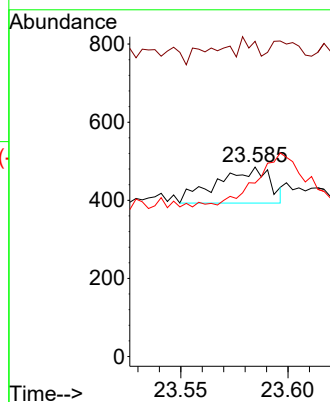
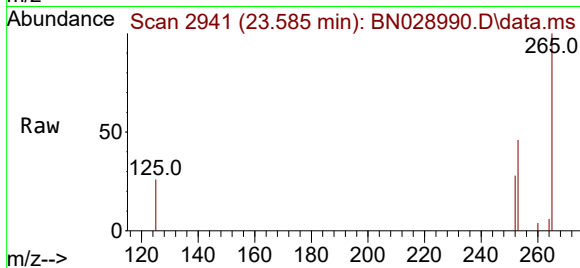
Tgt Ion:252 Resp: 155

Ion Ratio Lower Upper

252 100

253 166.4 110.2 165.4#

125 91.5 27.0 40.4#



#41

Benzo(g,h,i)perylene

Concen: 0.082 ng

RT: 26.792 min Scan# 4038

Delta R.T. -0.050 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Tgt Ion:276 Resp: 155

Ion Ratio Lower Upper

276 100

277 82.6 28.9 43.3#

138 100.0 36.2 54.2#

