

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028251.D
 Acq On : 12 Oct 2023 02:51
 Operator : MA/JU
 Sample : PB156246BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156246BL

Quant Time: Oct 12 04:09:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

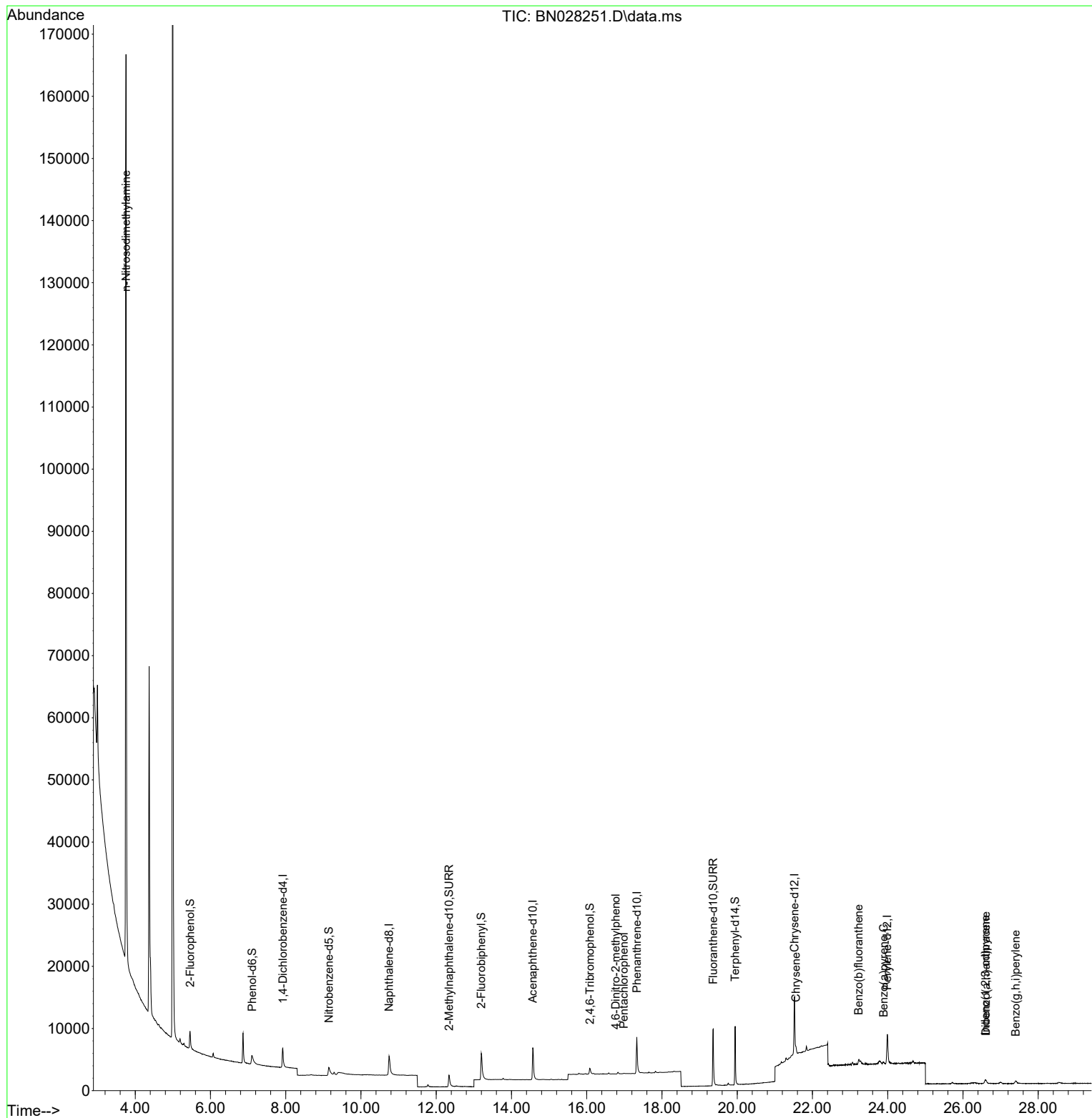
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2153	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	7098	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	4431	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	10612	0.400	ng	0.01
29) Chrysene-d12	21.524	240	10763	0.400	ng	0.00
35) Perylene-d12	23.990	264	7481	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	3008	0.468	ng	0.00
5) Phenol-d6	7.105	99	3249	0.401	ng	0.01
8) Nitrobenzene-d5	9.144	82	2338	0.387	ng	0.02
11) 2-Methylnaphthalene-d10	12.339	152	4511	0.429	ng	0.01
14) 2,4,6-Tribromophenol	16.090	330	825	0.407	ng	0.01
15) 2-Fluorobiphenyl	13.197	172	6136	0.384	ng	0.01
27) Fluoranthene-d10	19.360	212	12727	0.478	ng	0.00
31) Terphenyl-d14	19.946	244	10864	0.433	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.754	42	5522	1.996	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.772	198	6	0.043	ng	# 73
24) Pentachlorophenol	16.983	266	67	0.025	ng	# 75
33) Chrysene	21.560	228	972	0.028	ng	# 72
36) Indeno(1,2,3-cd)pyrene	26.595	276	1020	0.041	ng	# 75
37) Benzo(b)fluoranthene	23.230	252	1434	0.059	ng	# 1
39) Benzo(a)pyrene	23.887	252	557	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.606	278	649	0.032	ng	# 1
41) Benzo(g,h,i)perylene	27.405	276	1090	0.052	ng	# 38

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

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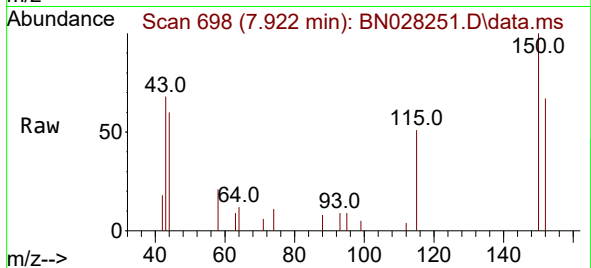
Quant Time: Oct 12 04:09:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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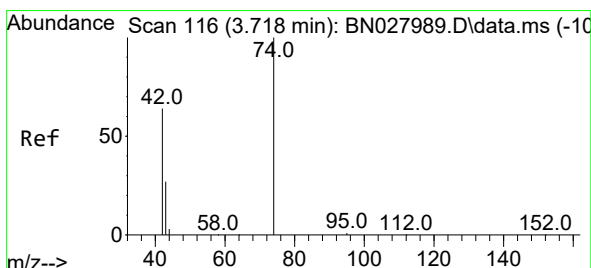
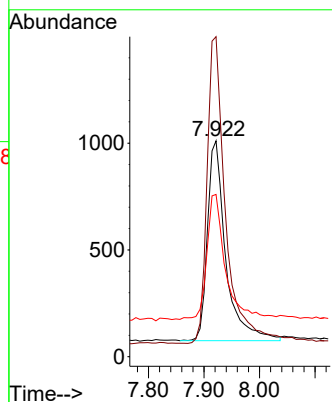
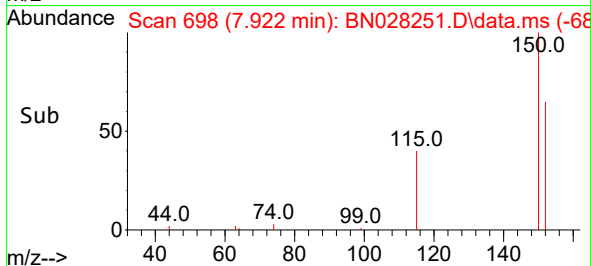


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Instrument :
BNA_N
ClientSampleId :
PB156246BL

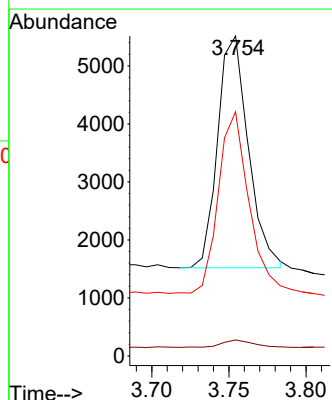
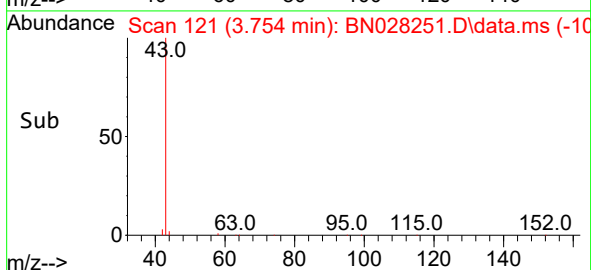
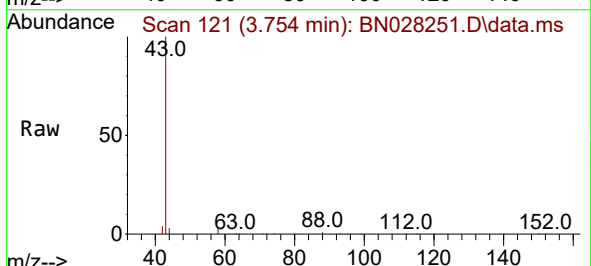


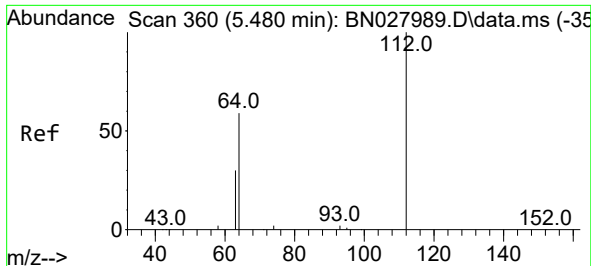
Tgt Ion:152 Resp: 2153
Ion Ratio Lower Upper
152 100
150 148.3 125.6 188.4
115 75.2 54.8 82.2



#3
n-Nitrosodimethylamine
Concen: 1.996 ng
RT: 3.754 min Scan# 121
Delta R.T. 0.043 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion: 42 Resp: 5522
Ion Ratio Lower Upper
42 100
74 3.2 115.9 173.9#
44 78.0 8.0 12.0#

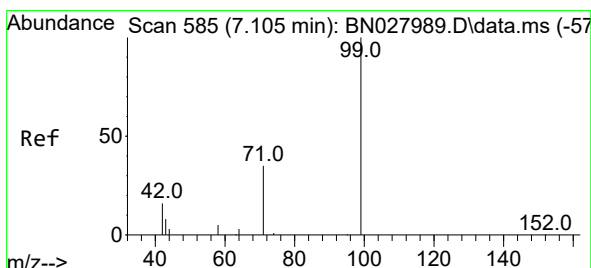
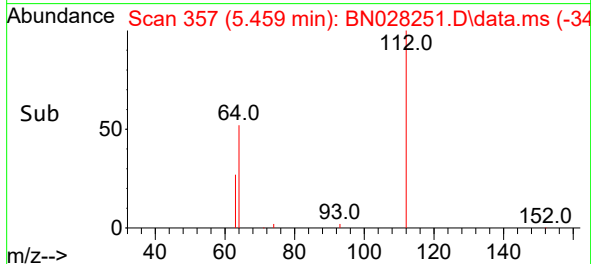
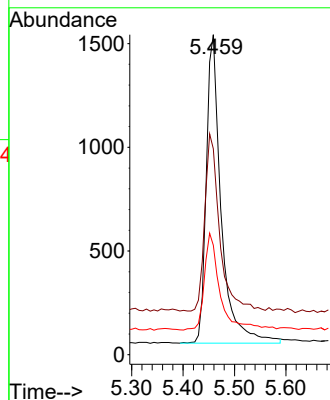
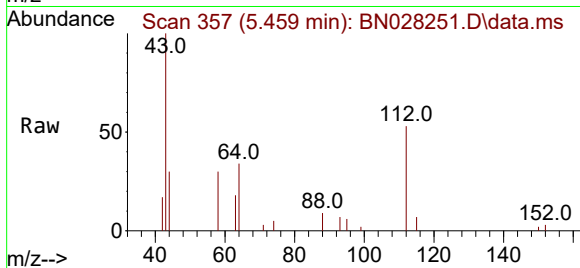




#4
2-Fluorophenol
Concen: 0.468 ng
RT: 5.459 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

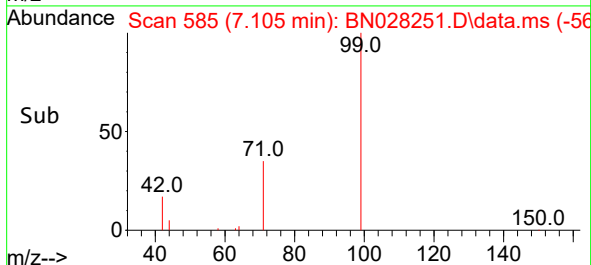
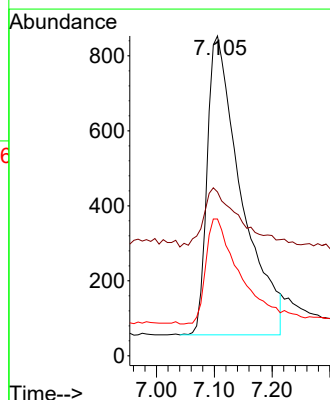
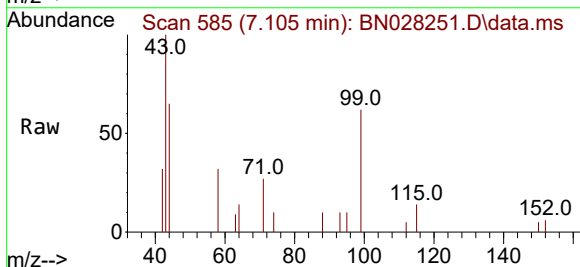
Instrument :
BNA_N
ClientSampleId :
PB156246BL

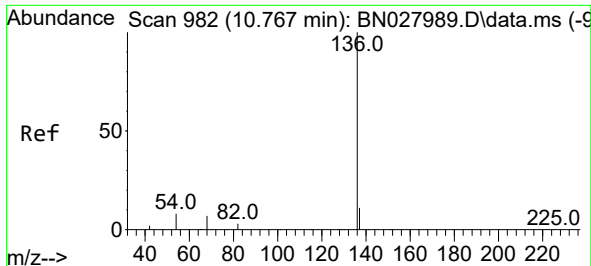
Tgt Ion:112 Resp: 3008
Ion Ratio Lower Upper
112 100
64 57.0 45.0 67.6
63 32.9 23.4 35.0



#5
Phenol-d6
Concen: 0.401 ng
RT: 7.105 min Scan# 585
Delta R.T. 0.014 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion: 99 Resp: 3249
Ion Ratio Lower Upper
99 100
42 20.4 14.6 22.0
71 35.3 28.3 42.5

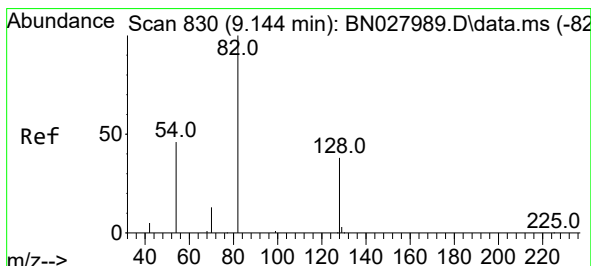
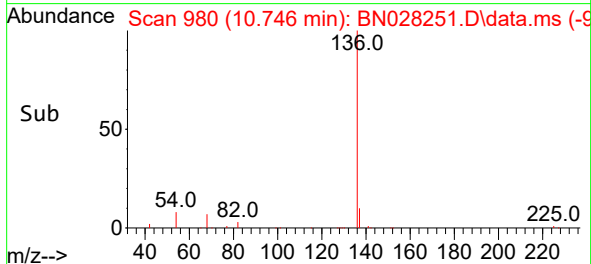
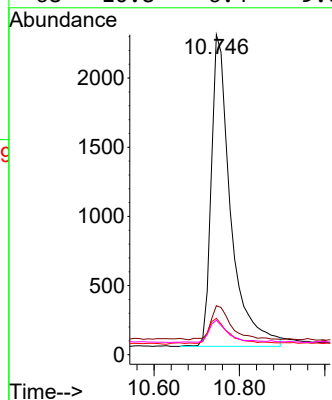
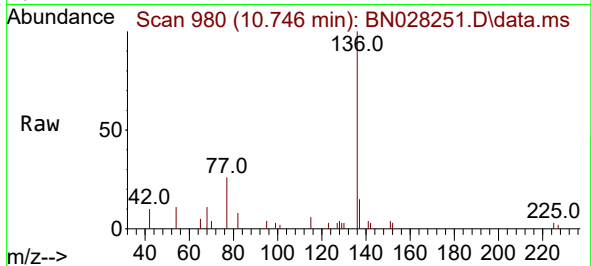




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 982
Delta R.T. 0.011 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

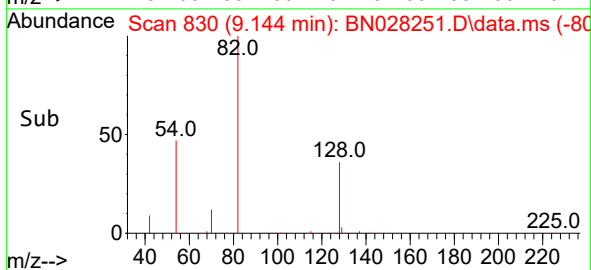
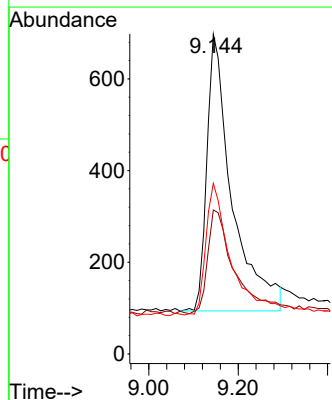
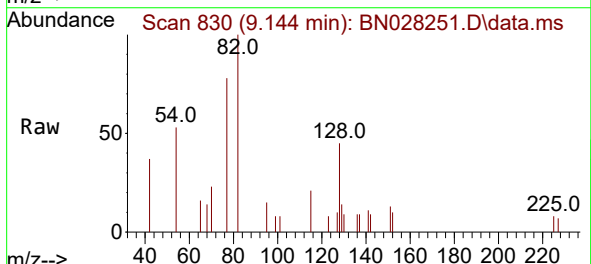
Instrument :
BNA_N
ClientSampleId :
PB156246BL

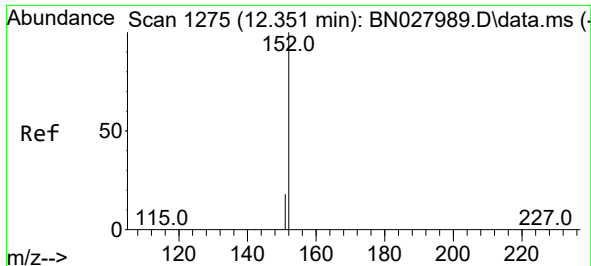
Tgt Ion:136 Resp: 7098
Ion Ratio Lower Upper
136 100
137 15.3 9.4 14.0#
54 11.4 7.0 10.6#
68 10.8 6.4 9.6#



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.144 min Scan# 830
Delta R.T. 0.021 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion: 82 Resp: 2338
Ion Ratio Lower Upper
82 100
128 45.0 32.7 49.1
54 53.3 38.7 58.1

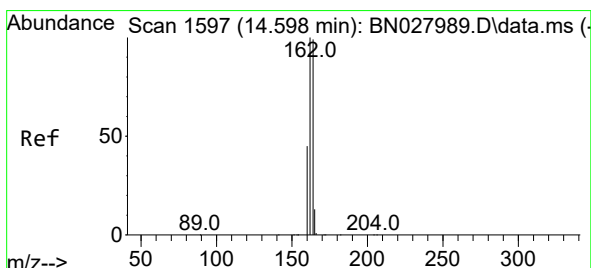
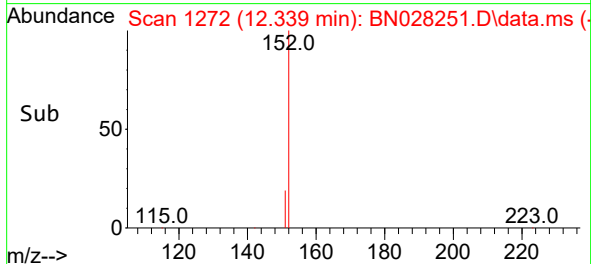
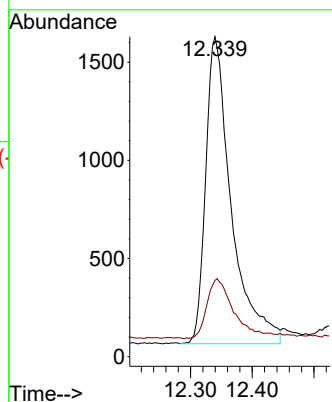
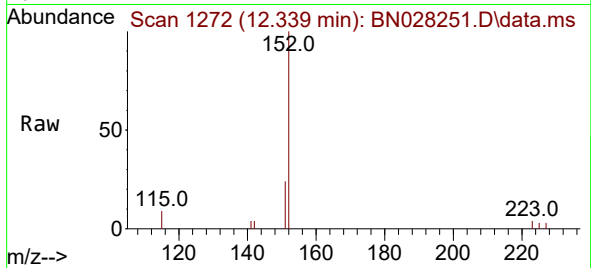




#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.339 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

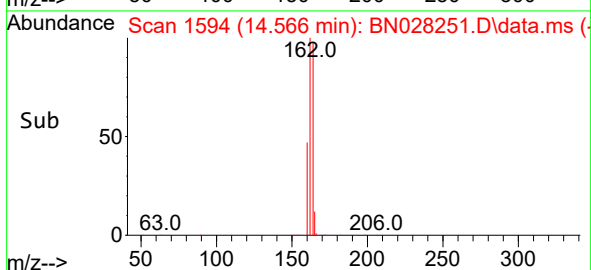
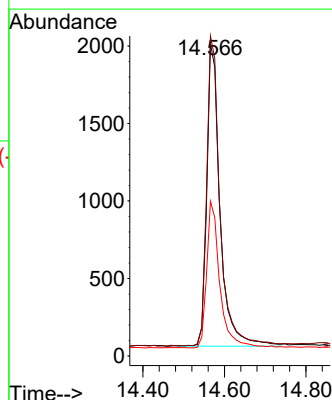
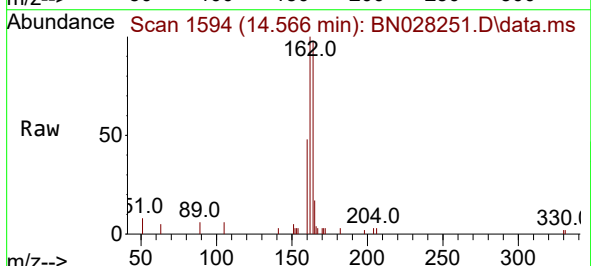
Instrument :
BNA_N
ClientSampleId :
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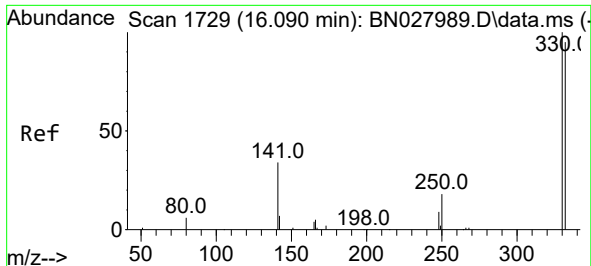
Tgt Ion:152 Resp: 4511
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion:164 Resp: 4431
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 49.5 36.4 54.6

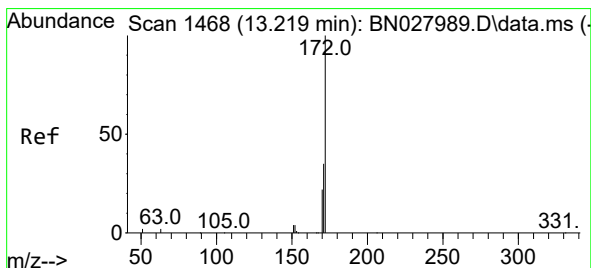
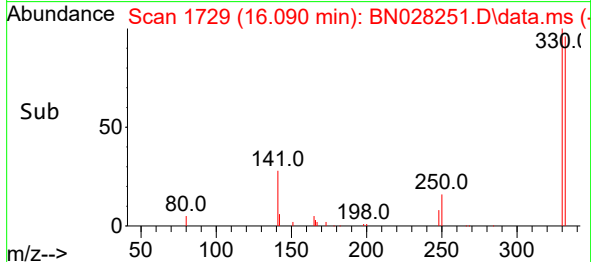
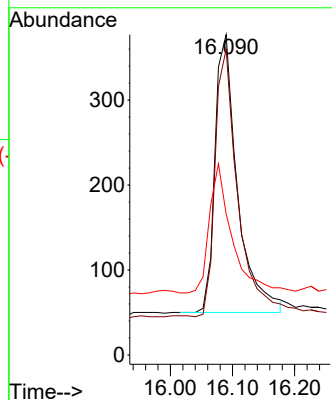
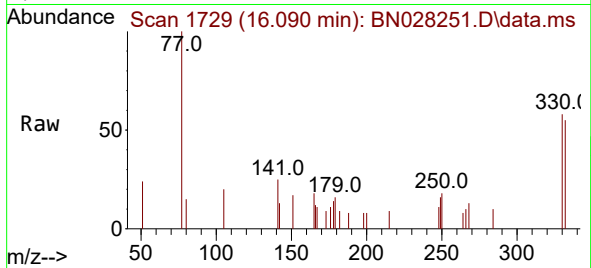




#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.090 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

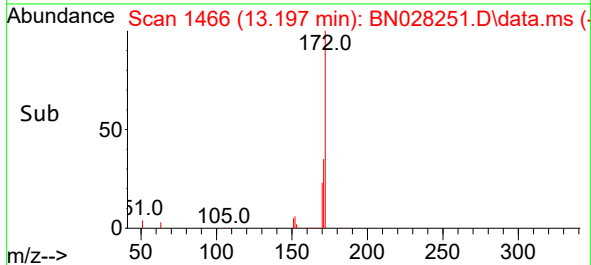
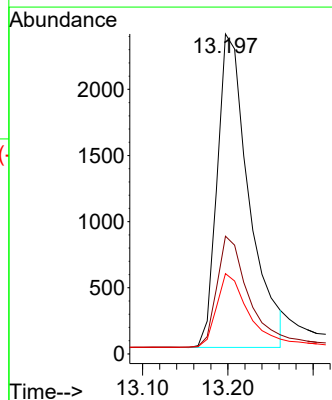
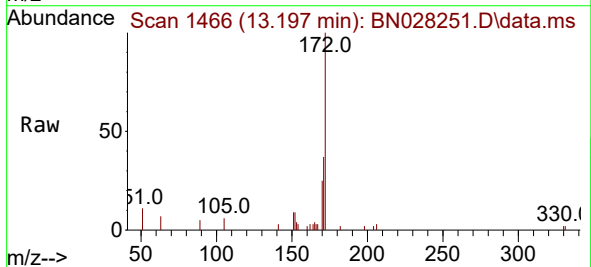
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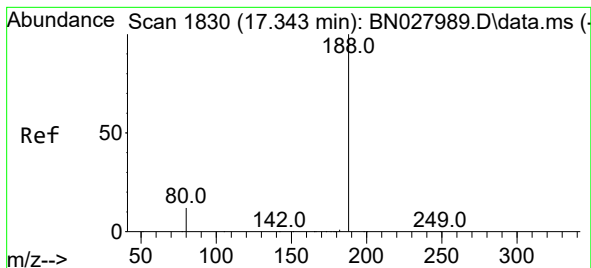
Tgt Ion:330 Resp: 825
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 45.5 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.197 min Scan# 1466
Delta R.T. 0.011 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion:172 Resp: 6136
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 25.1 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.331 min Scan# 1829

Delta R.T. 0.012 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

Instrument :

BNA_N

ClientSampleId :

PB156246BL

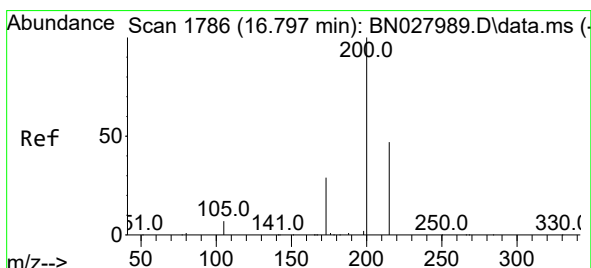
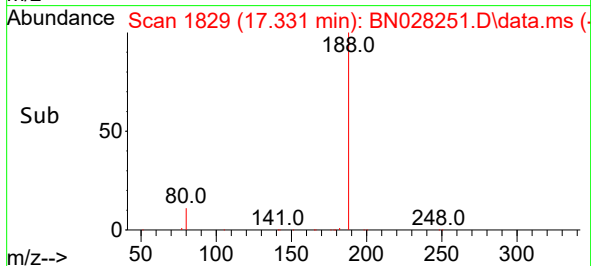
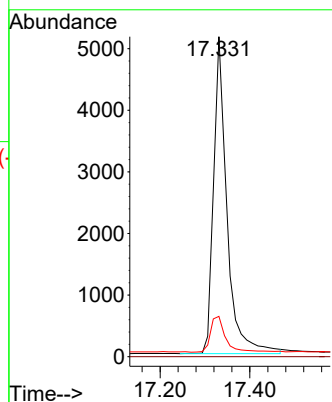
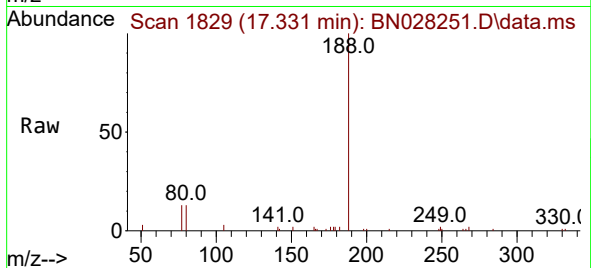
Tgt Ion:188 Resp: 10612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.043 ng

RT: 16.772 min Scan# 1784

Delta R.T. -0.013 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

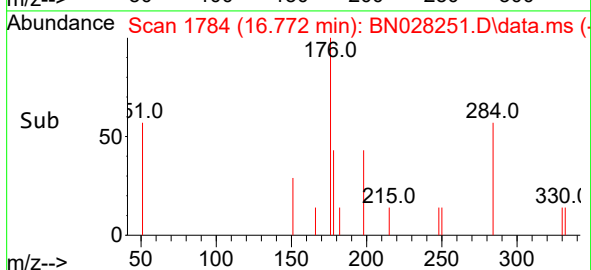
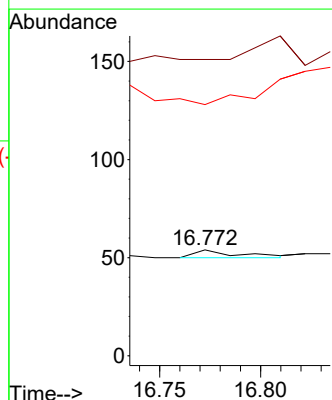
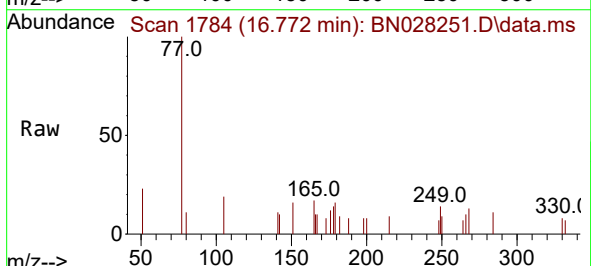
Tgt Ion:198 Resp: 6

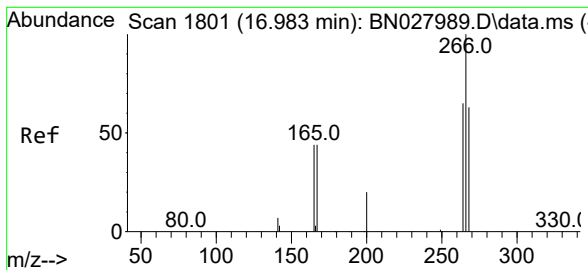
Ion Ratio Lower Upper

198 100

51 279.6 180.7 271.1#

105 237.0 222.2 333.2

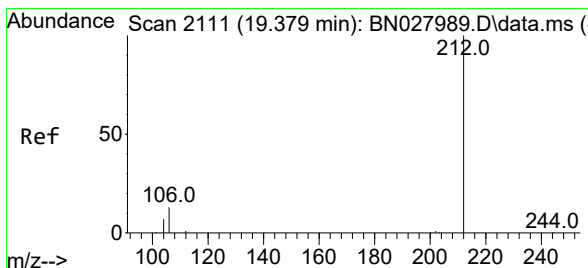
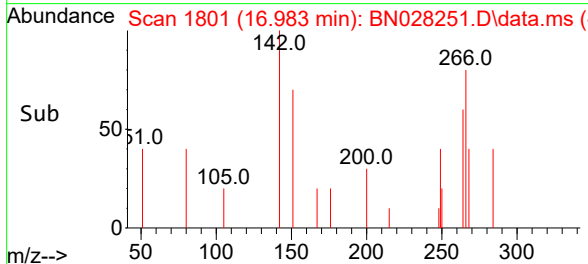
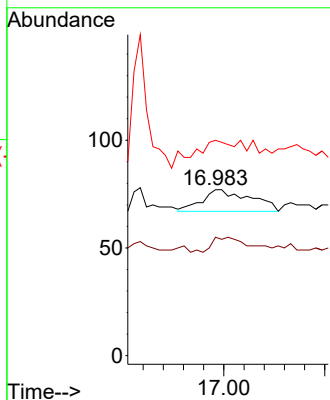
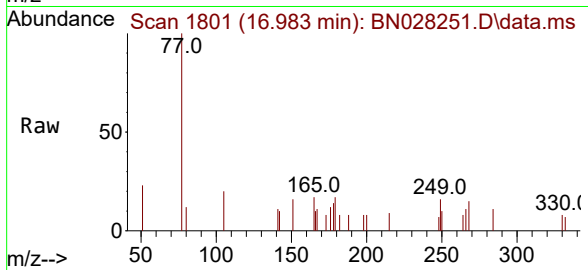




#24
 Pentachlorophenol
 Concen: 0.025 ng
 RT: 16.983 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN028251.D
 Acq: 12 Oct 2023 02:51

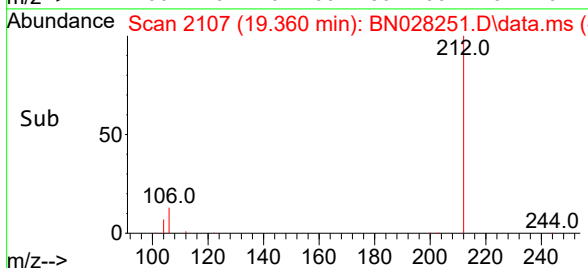
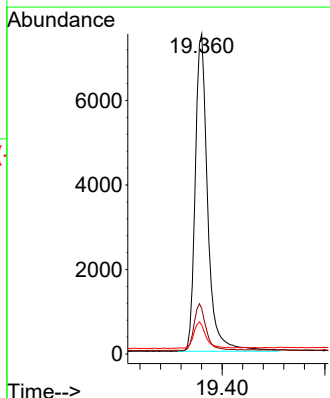
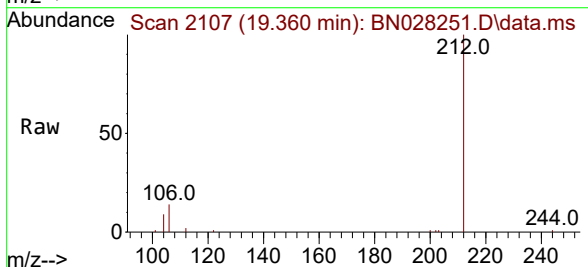
Instrument :
 BNA_N
 ClientSampleId :
 PB156246BL

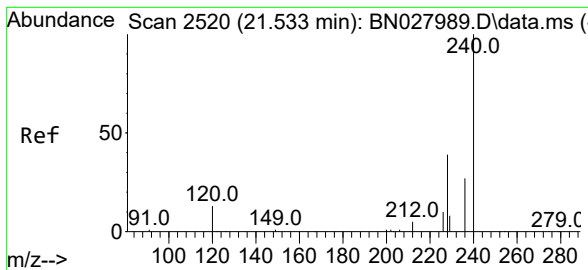
Tgt Ion:	266	Resp:	67
Ion Ratio	Lower	Upper	
266	100		
264	52.2	52.7	79.1#
268	43.3	56.2	84.2#



#27
 Fluoranthene-d10
 Concen: 0.478 ng
 RT: 19.360 min Scan# 2107
 Delta R.T. 0.005 min
 Lab File: BN028251.D
 Acq: 12 Oct 2023 02:51

Tgt Ion:	212	Resp:	12727
Ion Ratio	Lower	Upper	
212	100		
106	14.3	11.3	16.9
104	8.2	6.4	9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

Instrument :

BNA_N

ClientSampleId :

PB156246BL

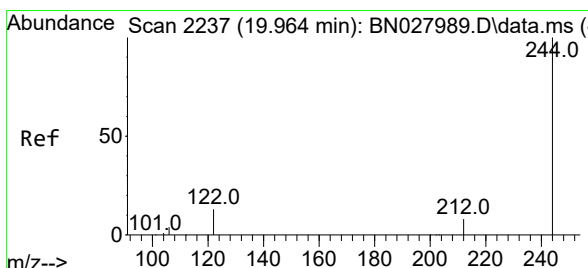
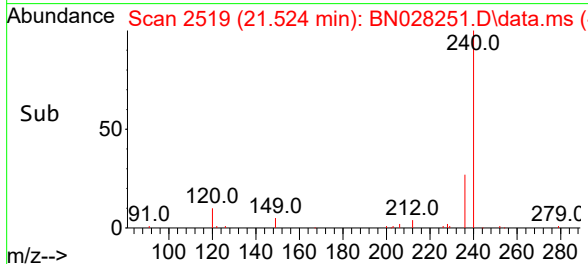
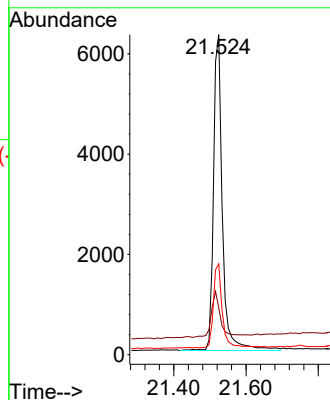
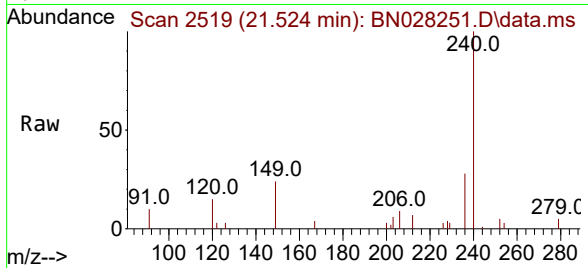
Tgt Ion:240 Resp: 10763

Ion Ratio Lower Upper

240 100

120 14.6 13.8 20.6

236 28.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.433 ng

RT: 19.946 min Scan# 2233

Delta R.T. 0.005 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

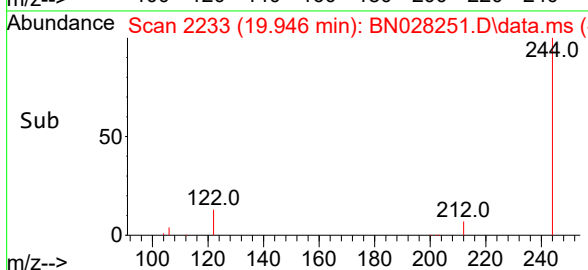
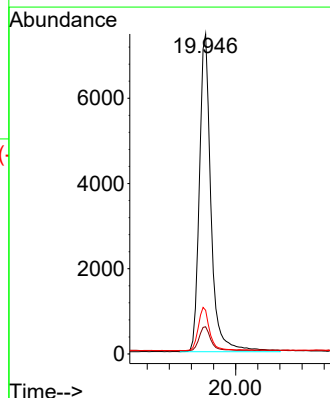
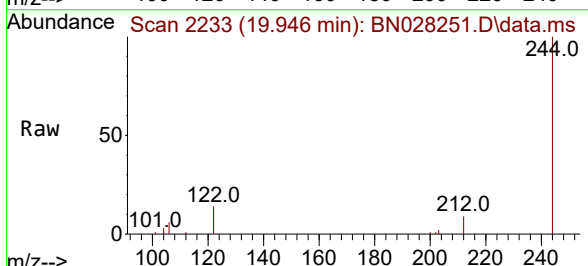
Tgt Ion:244 Resp: 10864

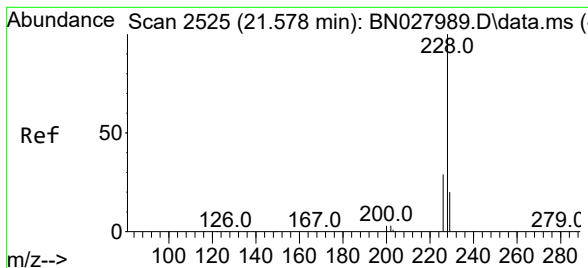
Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 13.7 11.4 17.0





#33

Chrysene

Concen: 0.028 ng

RT: 21.560 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

Instrument :

BNA_N

ClientSampleId :

PB156246BL

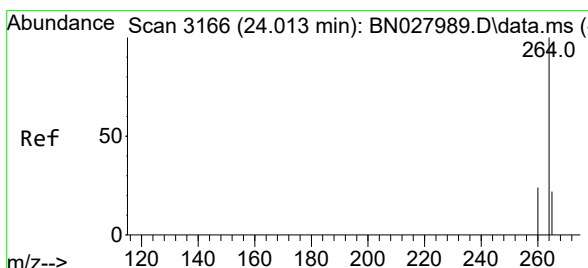
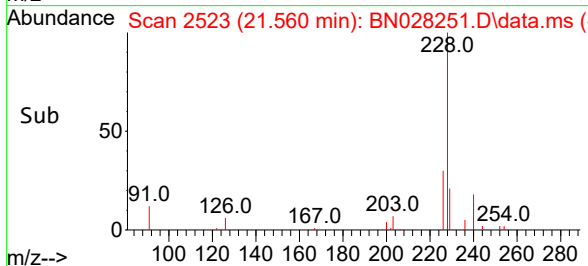
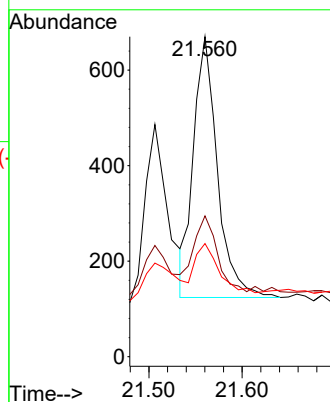
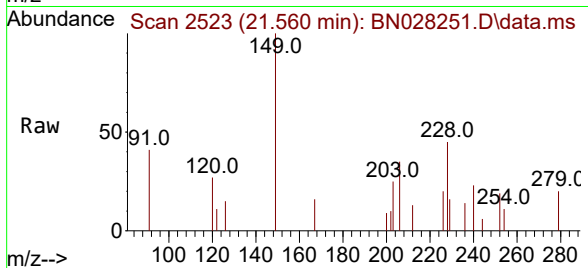
Tgt Ion:228 Resp: 972

Ion Ratio Lower Upper

228 100

226 44.0 23.8 35.8#

229 35.4 16.6 25.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.990 min Scan# 3158

Delta R.T. 0.014 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

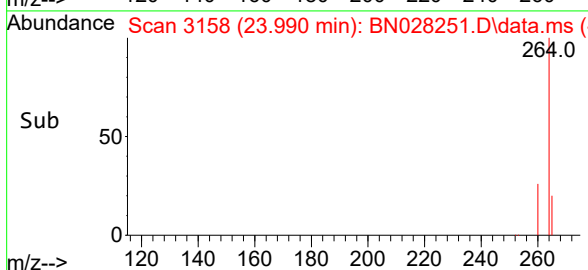
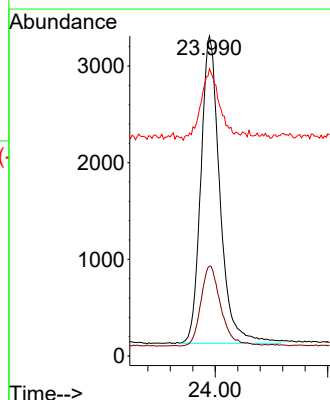
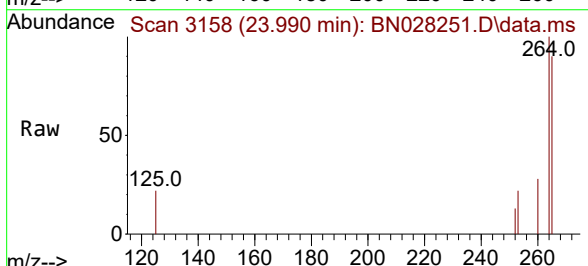
Tgt Ion:264 Resp: 7481

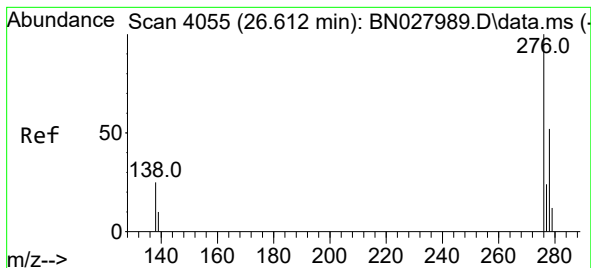
Ion Ratio Lower Upper

264 100

260 28.1 20.2 30.4

265 89.8 54.8 82.2#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng

RT: 26.595 min Scan# 4055

Delta R.T. 0.038 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

Instrument :

BNA_N

ClientSampleId :

PB156246BL

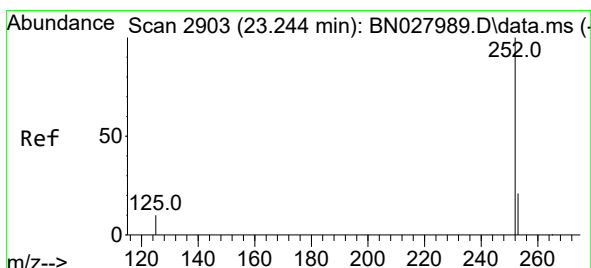
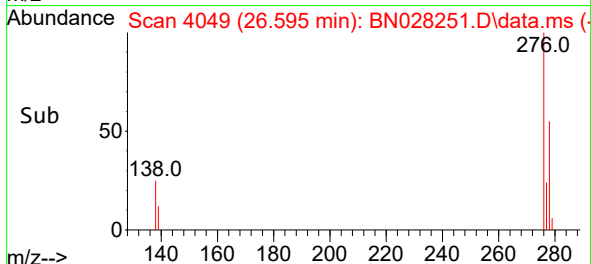
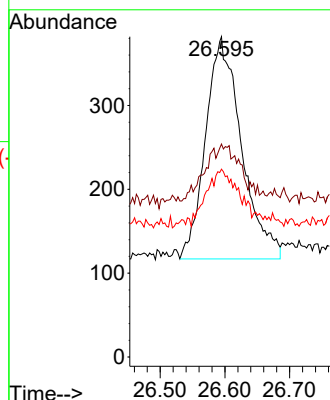
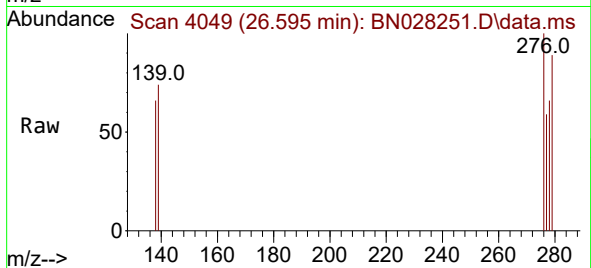
Tgt Ion:276 Resp: 1020

Ion Ratio Lower Upper

276 100

138 5.8 20.9 31.3#

277 20.4 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.059 ng

RT: 23.230 min Scan# 2898

Delta R.T. 0.017 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

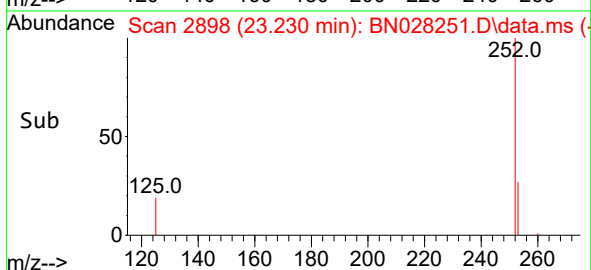
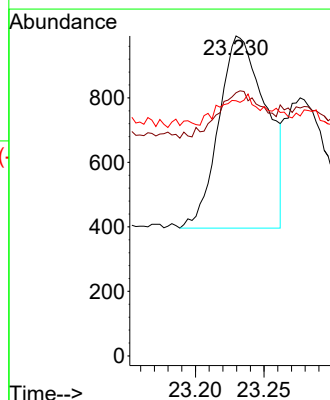
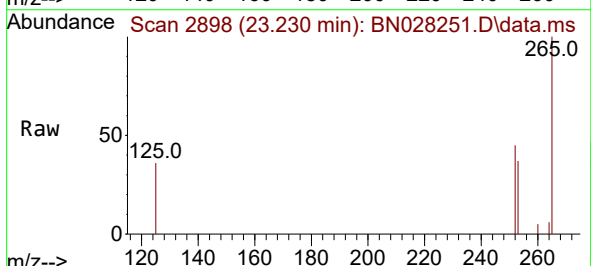
Tgt Ion:252 Resp: 1434

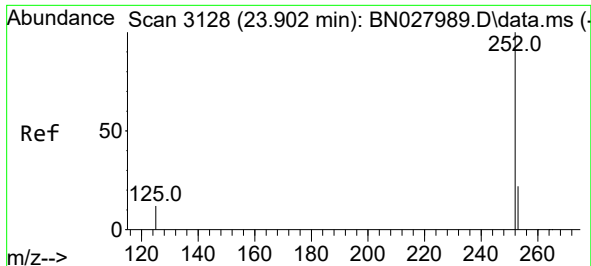
Ion Ratio Lower Upper

252 100

253 82.3 22.9 34.3#

125 79.7 13.8 20.8#





#39

Benzo(a)pyrene

Concen: 0.024 ng

RT: 23.887 min Scan# 31

Delta R.T. 0.023 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

Instrument :

BNA_N

ClientSampleId :

PB156246BL

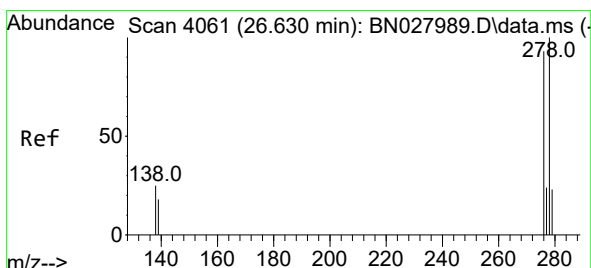
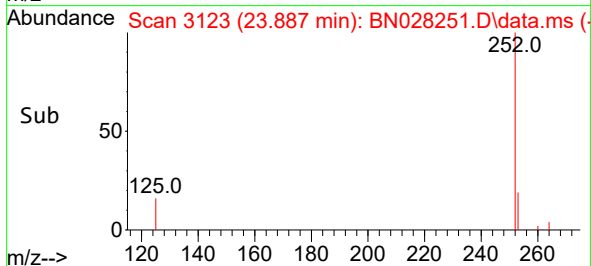
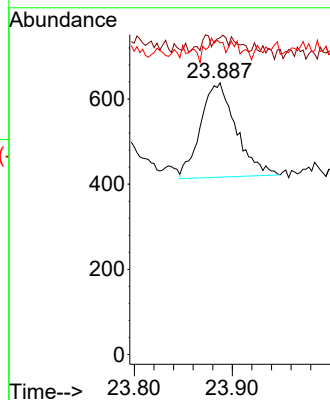
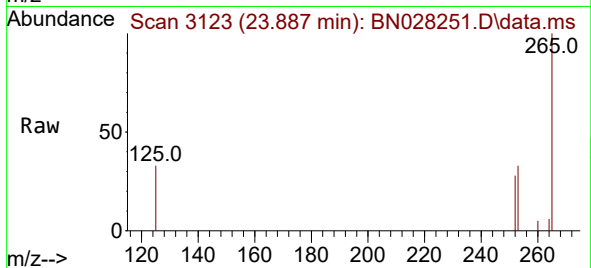
Tgt Ion:252 Resp: 557

Ion Ratio Lower Upper

252 100

253 116.6 25.0 37.4#

125 114.7 16.6 24.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.032 ng

RT: 26.606 min Scan# 4053

Delta R.T. 0.029 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

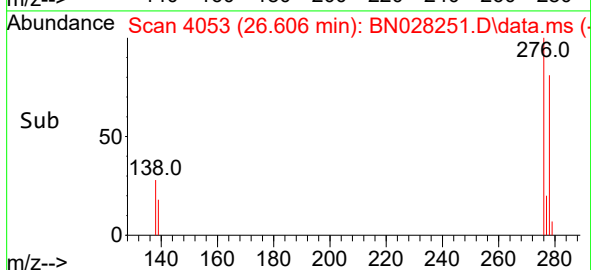
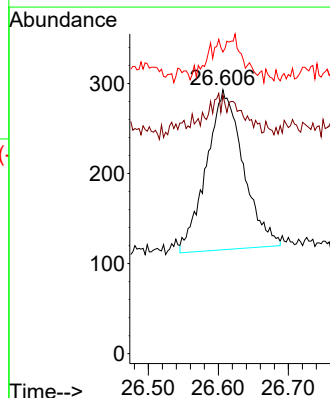
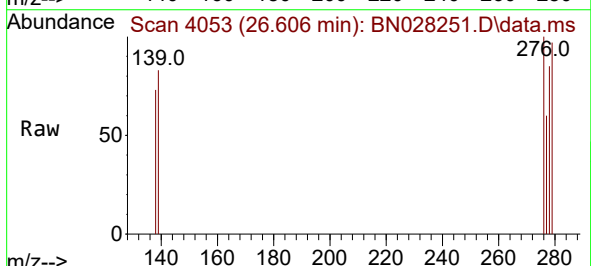
Tgt Ion:278 Resp: 649

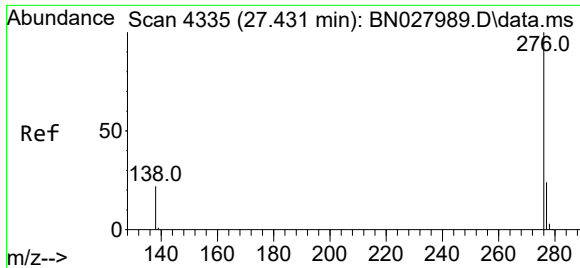
Ion Ratio Lower Upper

278 100

139 98.0 17.7 26.5#

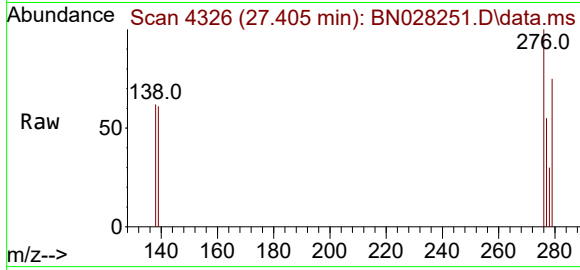
279 114.3 25.2 37.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.052 ng
 RT: 27.405 min Scan# 41
 Delta R.T. 0.038 min
 Lab File: BN028251.D
 Acq: 12 Oct 2023 02:51

Instrument :
 BNA_N
 ClientSampleId :
 PB156246BL



Tgt Ion: 276 Resp: 1090
 Ion Ratio Lower Upper
 276 100
 277 55.0 22.1 33.1#
 138 62.4 20.8 31.2#

