

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029956.D
 Acq On : 23 Feb 2024 14:52
 Operator : MA/JU
 Sample : PB159108BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159108BL

Quant Time: Feb 23 17:10:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

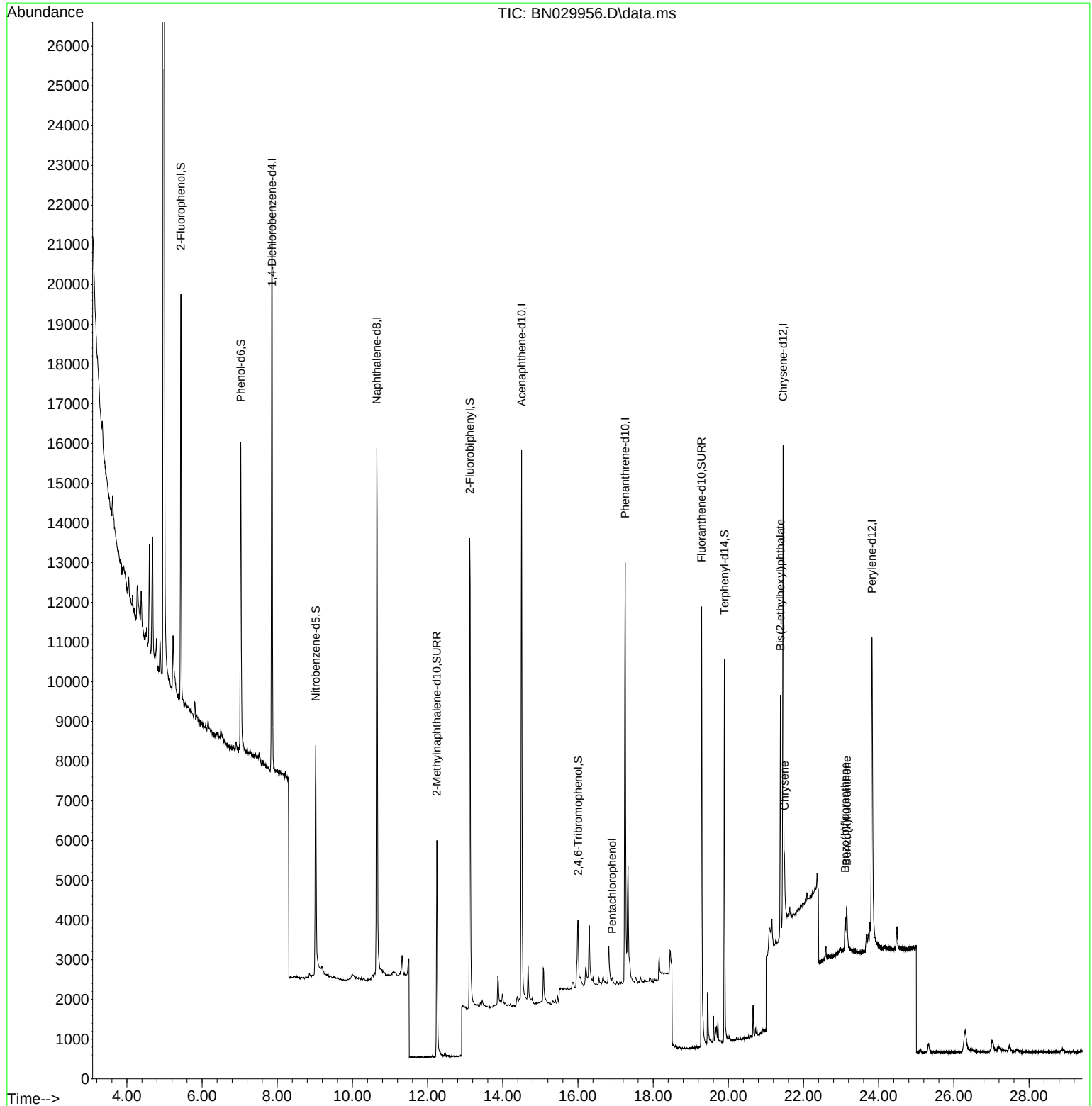
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	7409	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	19550	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	9100	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	17655	0.400	ng	0.00
29) Chrysene-d12	21.456	240	13204	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	13757	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	7935	0.446	ng	0.00
5) Phenol-d6	7.031	99	8758	0.426	ng	0.00
8) Nitrobenzene-d5	9.025	82	5652	0.347	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	8582	0.322	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	1020	0.349	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	12500	0.320	ng	-0.01
27) Fluoranthene-d10	19.289	212	13353	0.312	ng	0.00
31) Terphenyl-d14	19.898	244	10301	0.314	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.908	266	101	0.025	ng	# 72
33) Chrysene	21.492	228	1201	0.023	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.384	149	6082	0.198	ng	99
37) Benzo(b)fluoranthene	23.107	252	1426	0.029	ng	# 1
38) Benzo(k)fluoranthene	23.154	252	1311	0.025	ng	# 1

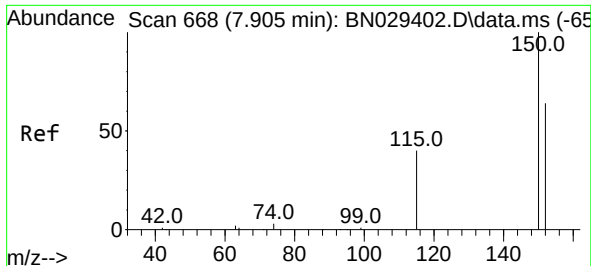
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 17:10:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

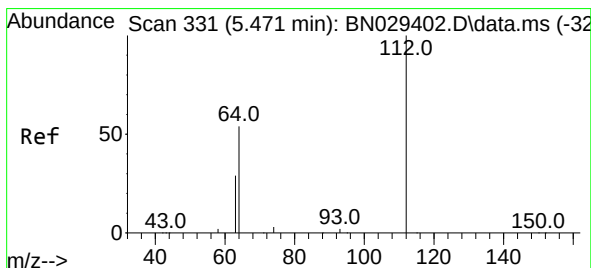
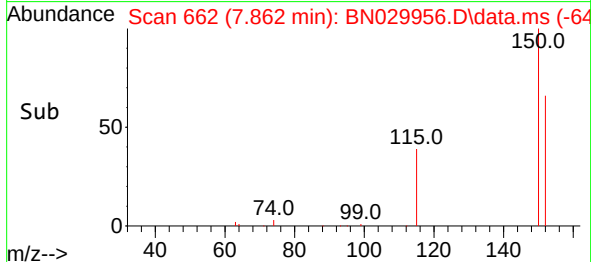
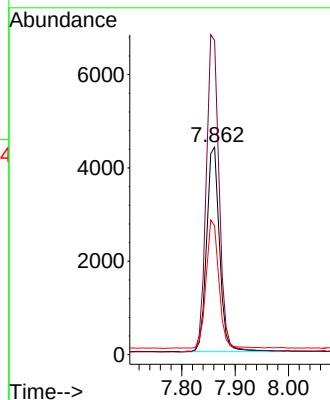
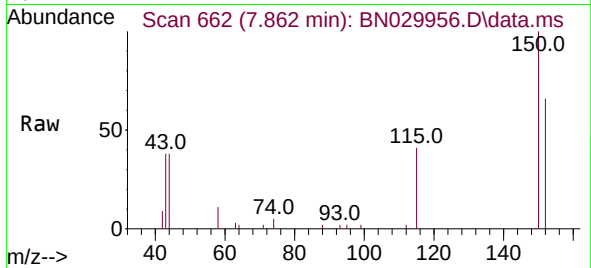




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

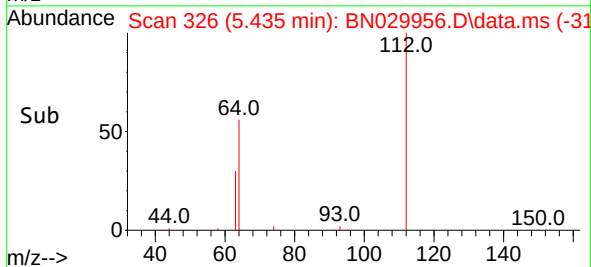
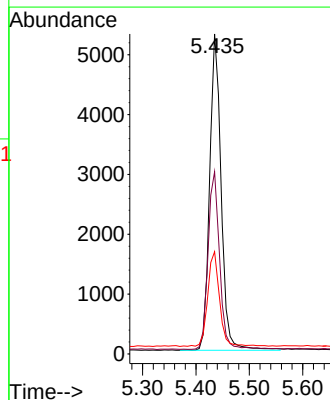
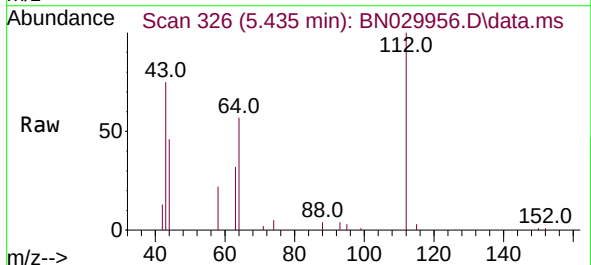
Instrument :
BNA_N
ClientSampleId :
PB159108BL

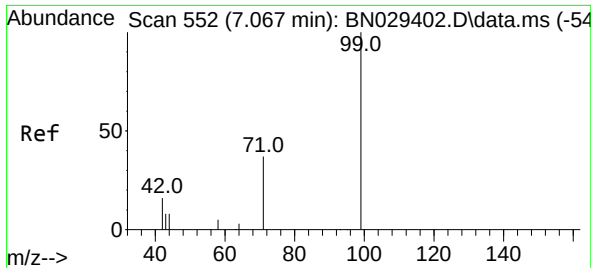
Tgt Ion:152 Resp: 7409
Ion Ratio Lower Upper
152 100
150 151.2 123.0 184.4
115 62.0 51.4 77.0



#4
2-Fluorophenol
Concen: 0.446 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

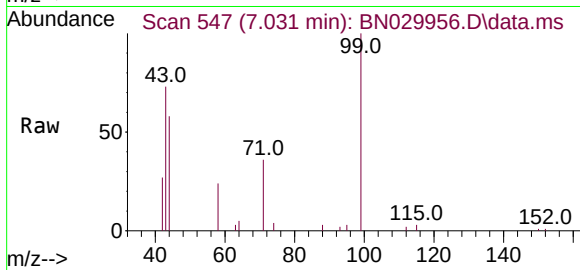
Tgt Ion:112 Resp: 7935
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 30.9 25.8 38.6



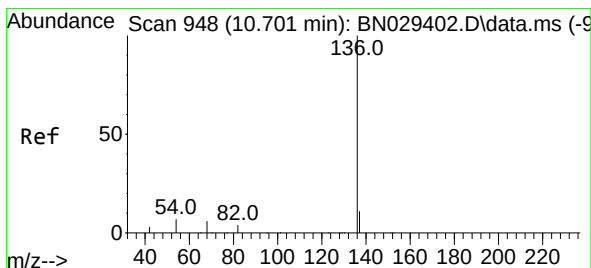
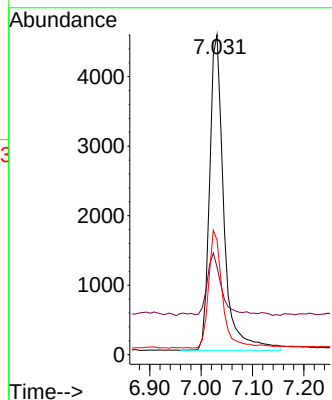
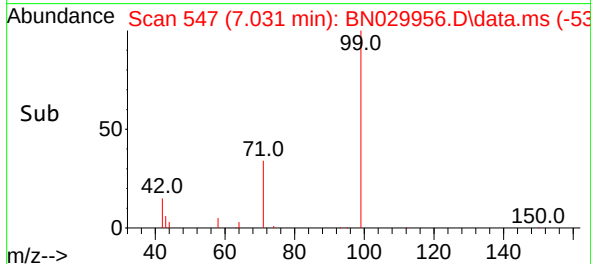


#5
Phenol-d6
Concen: 0.426 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

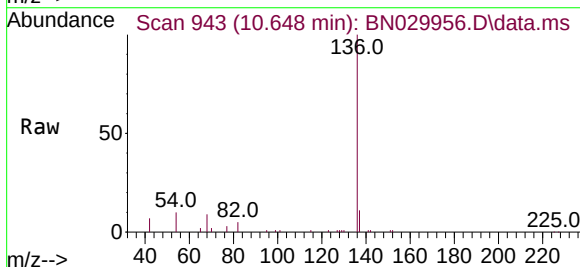
Instrument :
BNA_N
ClientSampleId :
PB159108BL



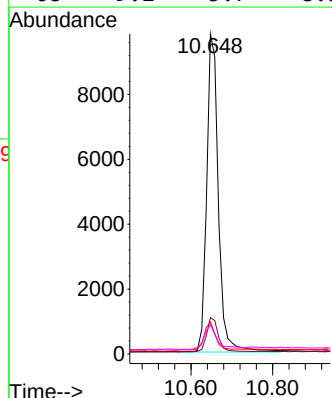
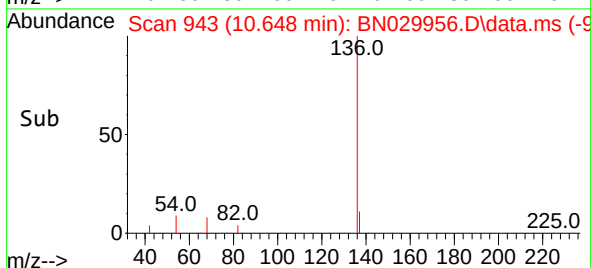
Tgt Ion: 99 Resp: 8758
Ion Ratio Lower Upper
99 100
42 19.0 16.9 25.3
71 36.7 30.0 45.0

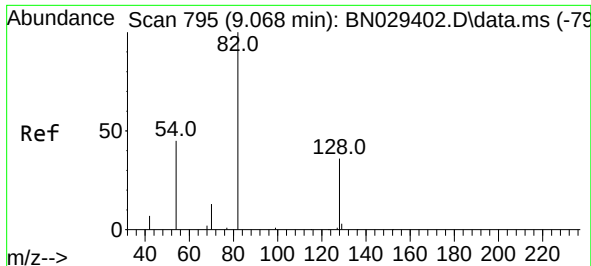


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52



Tgt Ion: 136 Resp: 19550
Ion Ratio Lower Upper
136 100
137 11.4 9.7 14.5
54 10.0 6.6 10.0#
68 9.2 5.7 8.5#

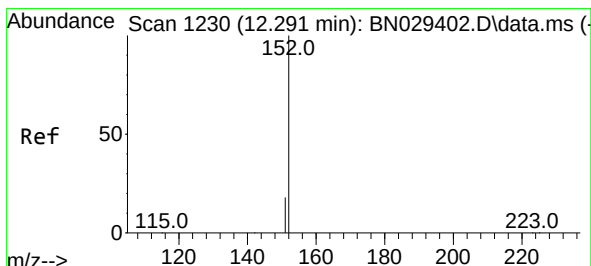
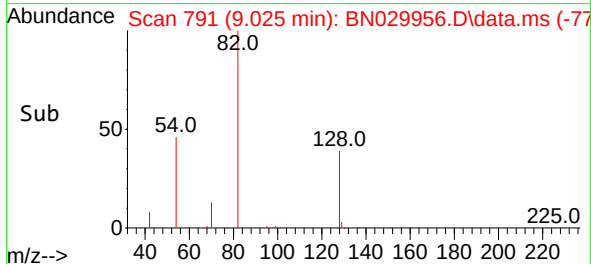
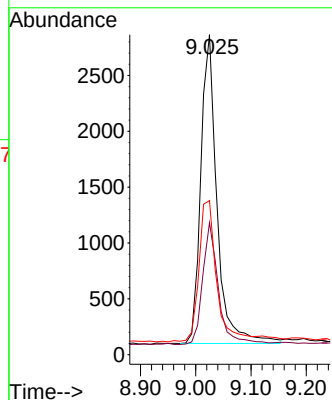
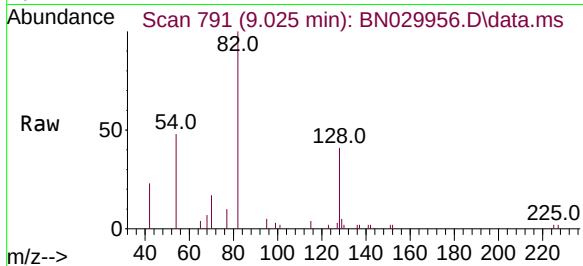




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

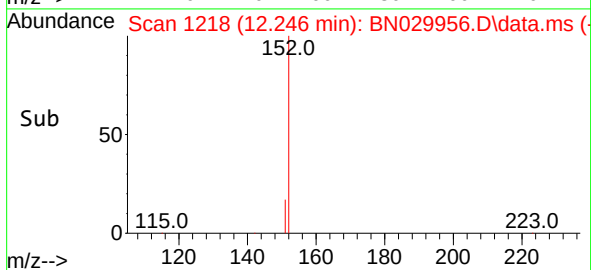
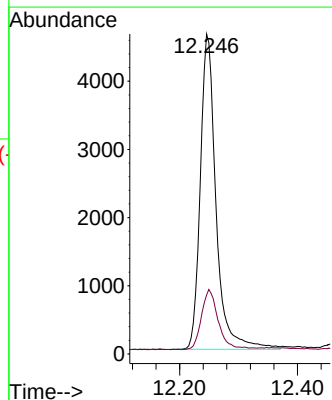
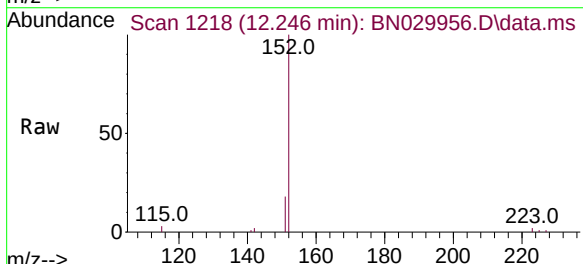
Instrument :
BNA_N
ClientSampleId :
PB159108BL

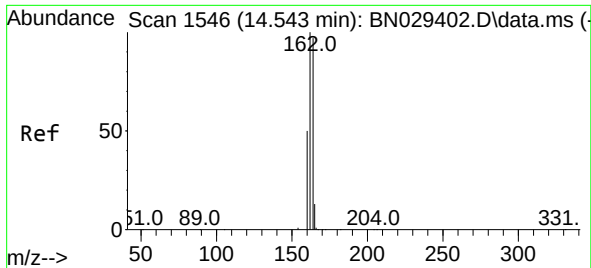
Tgt Ion: 82 Resp: 5652
Ion Ratio Lower Upper
82 100
128 41.3 31.6 47.4
54 48.1 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

Tgt Ion: 152 Resp: 8582
Ion Ratio Lower Upper
152 100
151 20.4 17.1 25.7

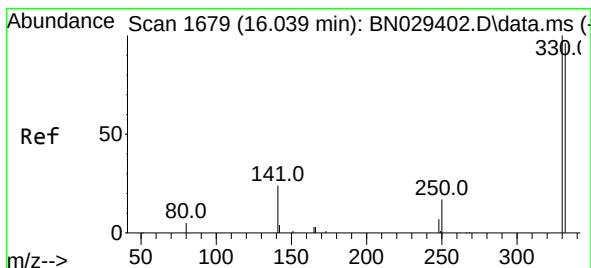
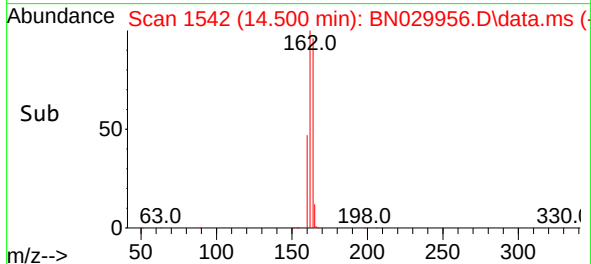
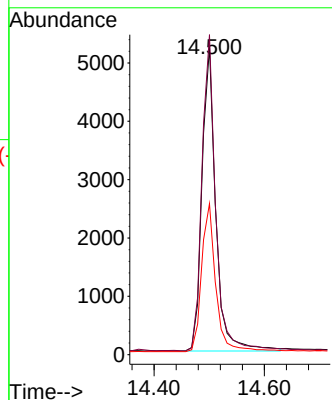
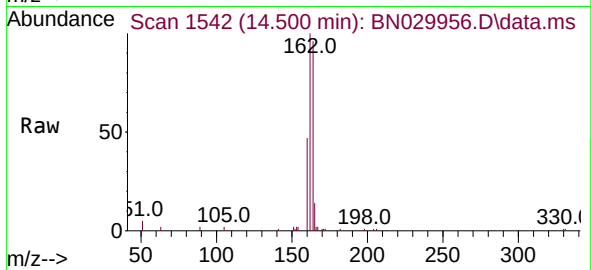




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.500 min Scan# 1546
 Delta R.T. -0.011 min
 Lab File: BN029956.D
 Acq: 23 Feb 2024 14:52

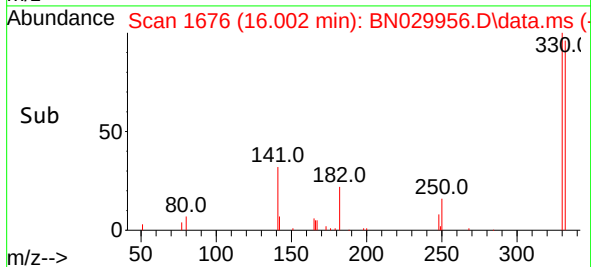
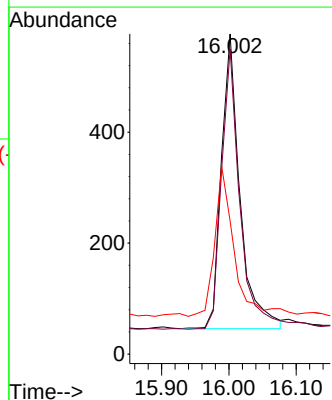
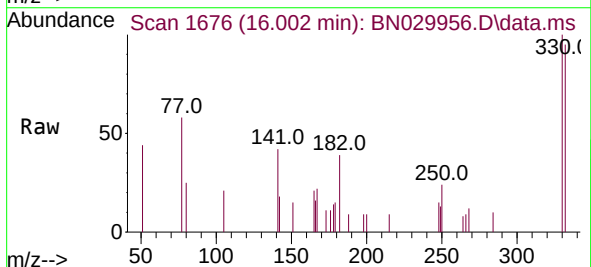
Instrument :
 BNA_N
 ClientSampleId :
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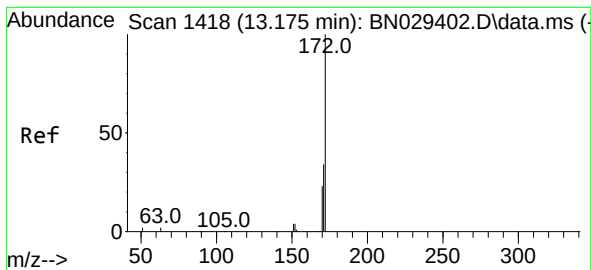
Tgt Ion:164 Resp: 9100
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 49.1 41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 16.002 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BN029956.D
 Acq: 23 Feb 2024 14:52

Tgt Ion:330 Resp: 1020
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.0 114.0
 141 52.8 43.4 65.2

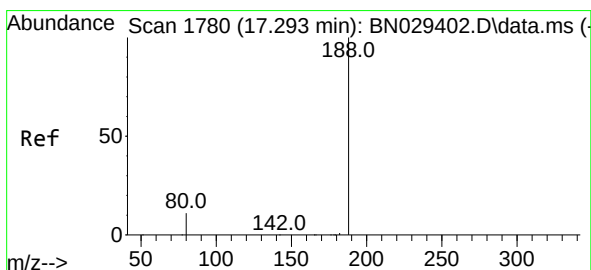
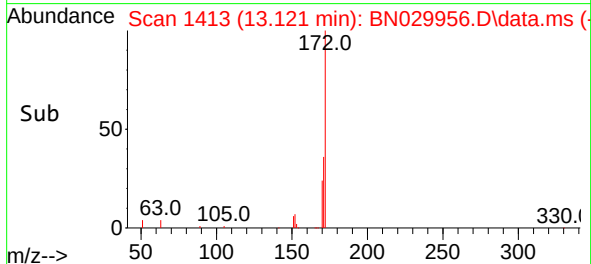
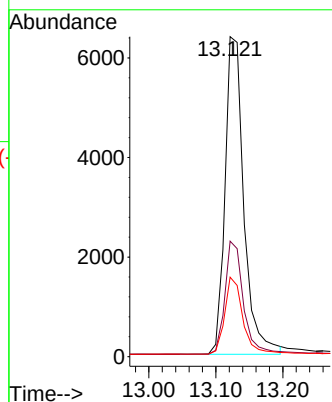
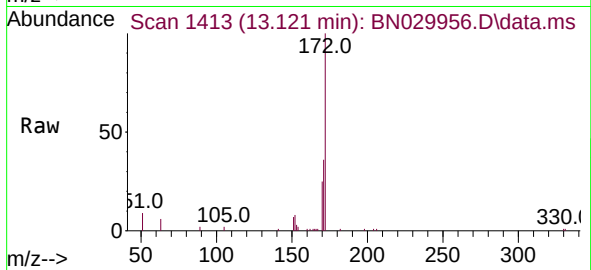




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.121 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

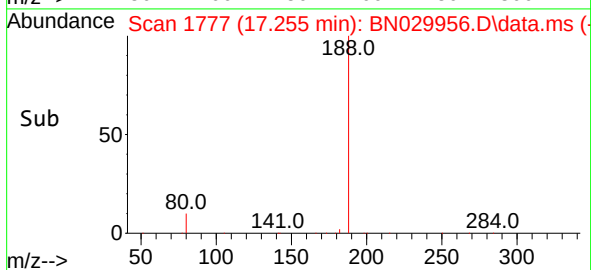
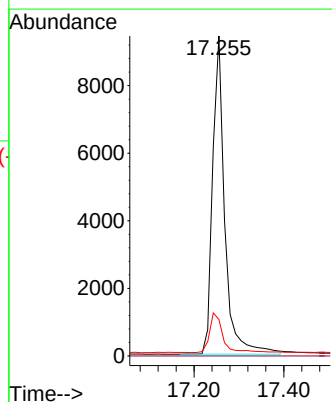
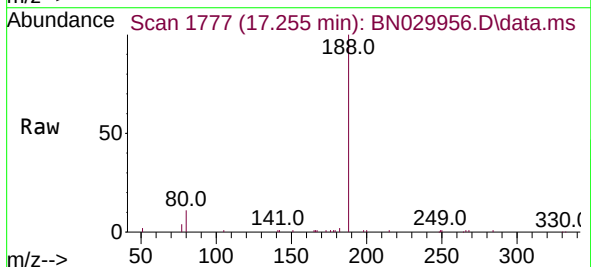
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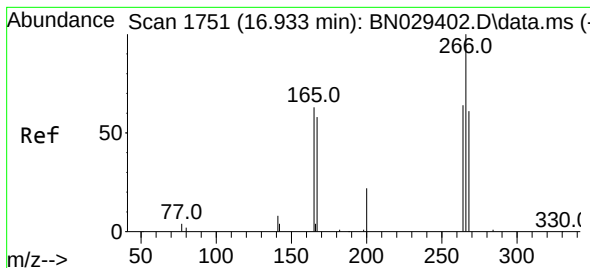
Tgt Ion:172 Resp: 12500
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 24.9 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

Tgt Ion:188 Resp: 17655
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 10.0 15.0





#24

Pentachlorophenol

Concen: 0.025 ng

RT: 16.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029956.D

Acq: 23 Feb 2024 14:52

Instrument :

BNA_N

ClientSampleId :

PB159108BL

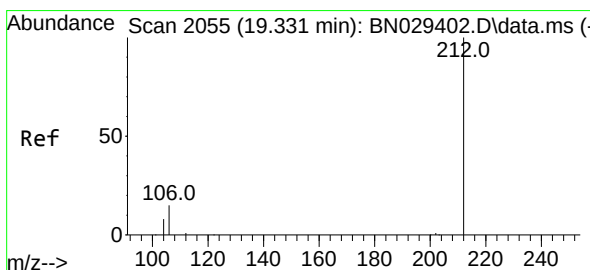
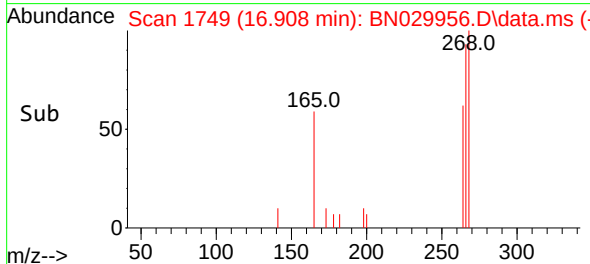
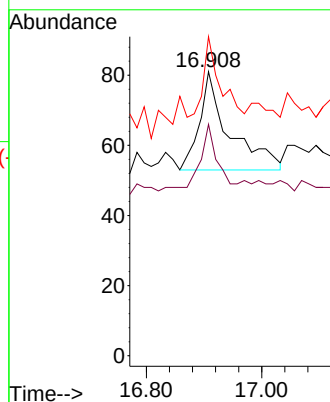
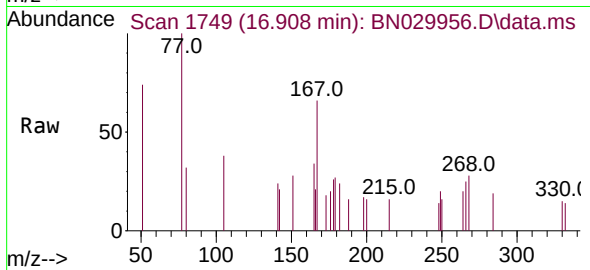
Tgt Ion:266 Resp: 101

Ion Ratio Lower Upper

266 100

264 36.6 50.8 76.2#

268 47.5 51.5 77.3#



#27

Fluoranthene-d10

Concen: 0.312 ng

RT: 19.289 min Scan# 2046

Delta R.T. -0.009 min

Lab File: BN029956.D

Acq: 23 Feb 2024 14:52

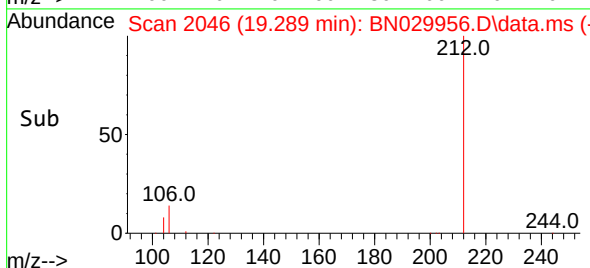
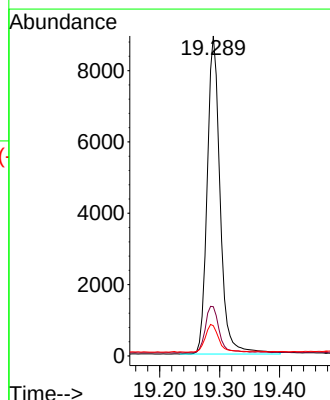
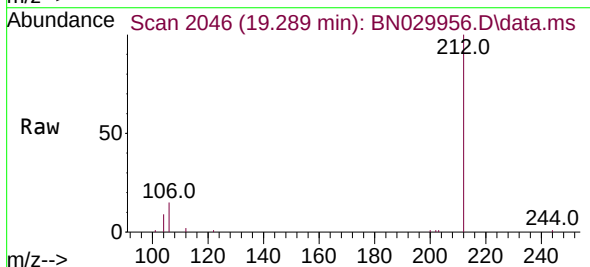
Tgt Ion:212 Resp: 13353

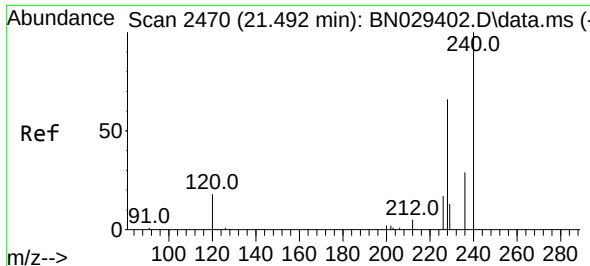
Ion Ratio Lower Upper

212 100

106 15.8 13.2 19.8

104 9.1 7.7 11.5

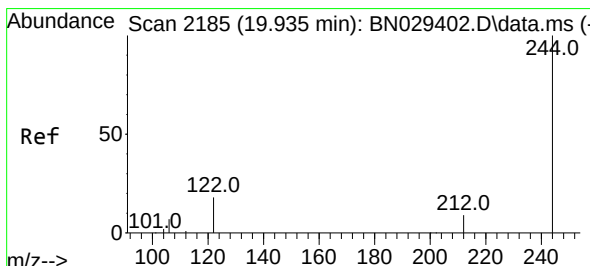
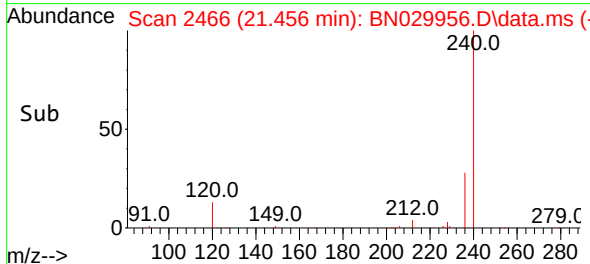
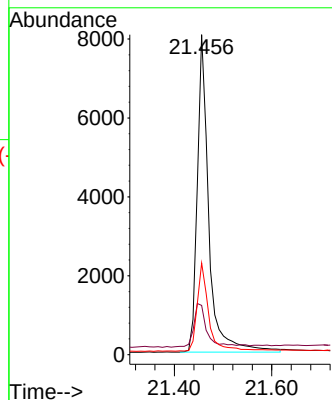
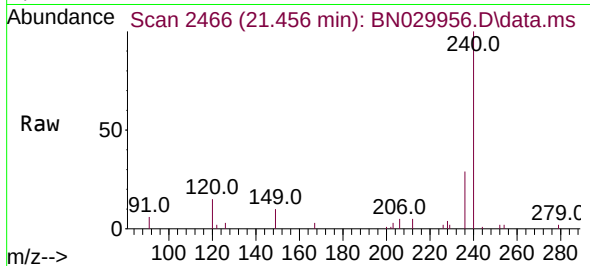




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

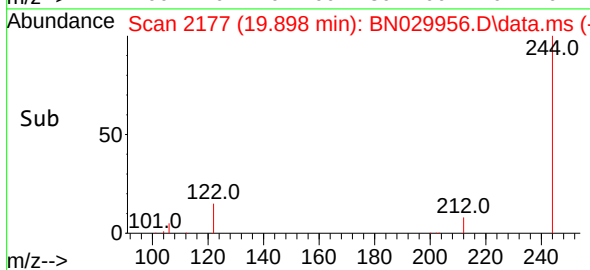
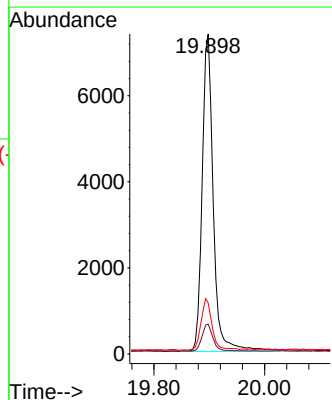
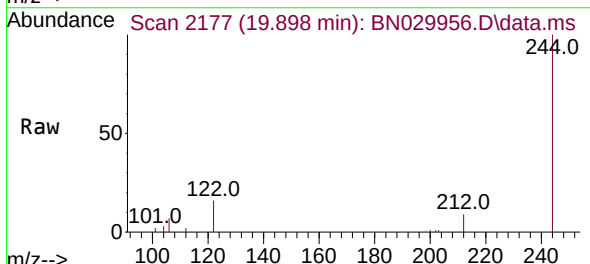
Instrument :
BNA_N
ClientSampleId :
PB159108BL

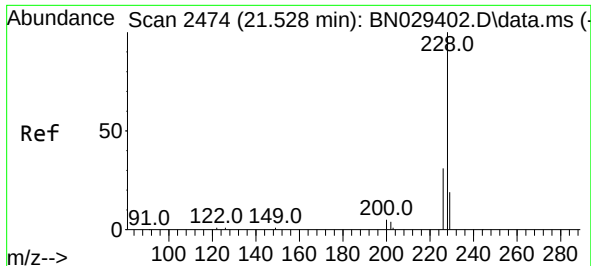
Tgt Ion:240 Resp: 13204
Ion Ratio Lower Upper
240 100
120 15.4 16.7 25.1#
236 28.7 23.9 35.9



#31
Terphenyl-d14
Concen: 0.314 ng
RT: 19.898 min Scan# 2177
Delta R.T. -0.009 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

Tgt Ion:244 Resp: 10301
Ion Ratio Lower Upper
244 100
212 9.3 8.2 12.4
122 15.9 15.6 23.4





#33

Chrysene

Concen: 0.023 ng

RT: 21.492 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN029956.D

Acq: 23 Feb 2024 14:52

Instrument :

BNA_N

ClientSampleId :

PB159108BL

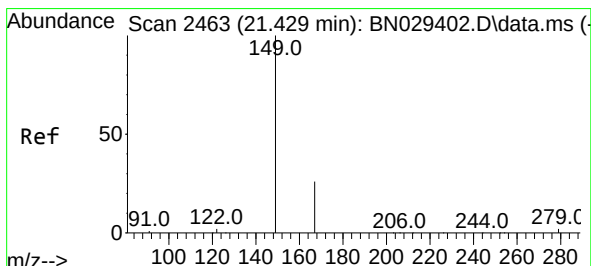
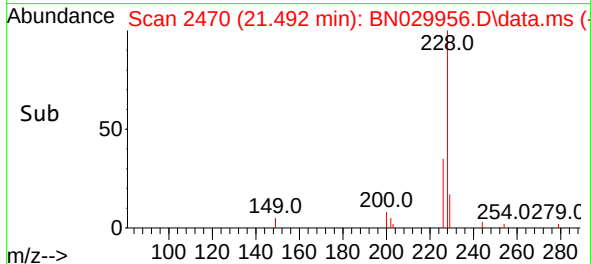
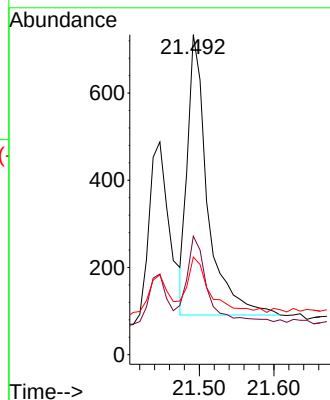
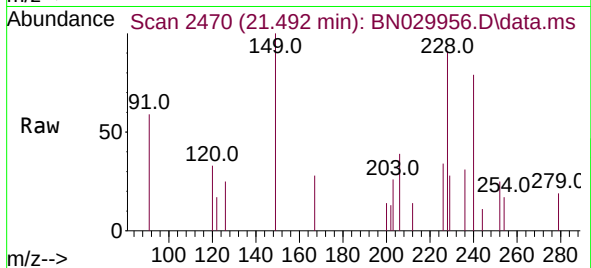
Tgt Ion:228 Resp: 1201

Ion Ratio Lower Upper

228 100

226 37.1 24.9 37.3

229 30.5 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.198 ng

RT: 21.384 min Scan# 2458

Delta R.T. -0.009 min

Lab File: BN029956.D

Acq: 23 Feb 2024 14:52

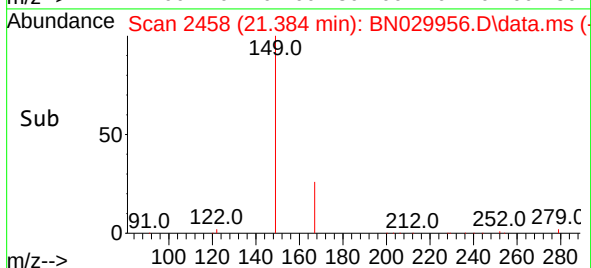
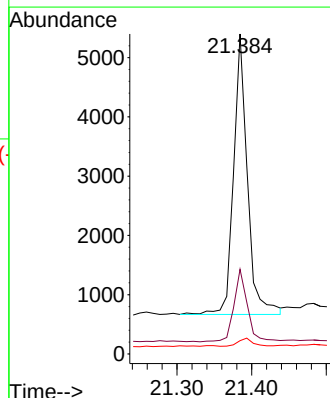
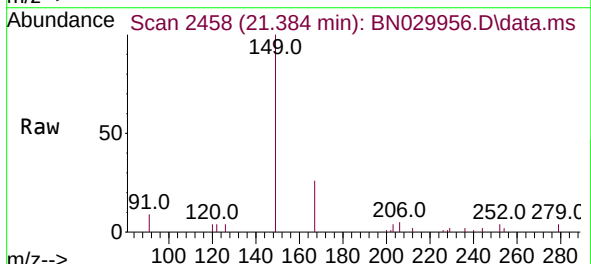
Tgt Ion:149 Resp: 6082

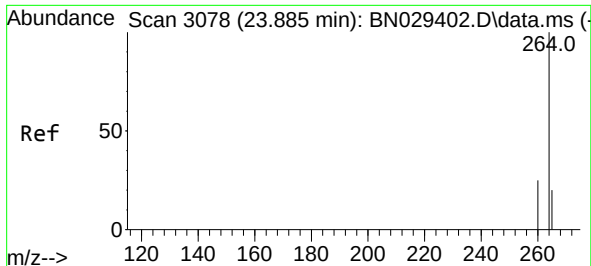
Ion Ratio Lower Upper

149 100

167 25.4 20.1 30.1

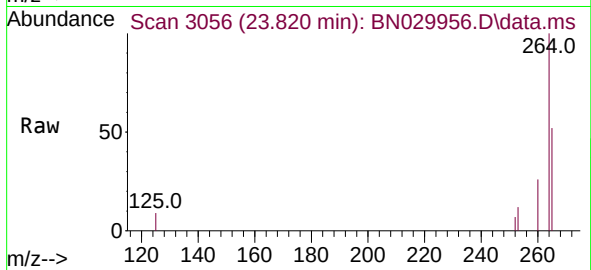
279 3.0 2.5 3.7



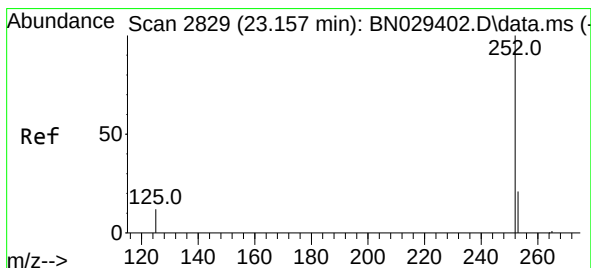
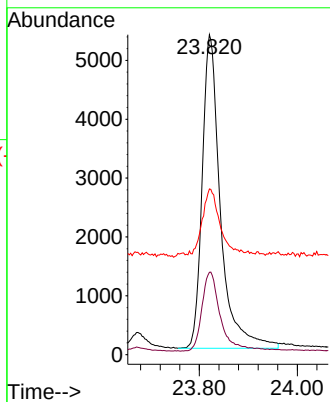
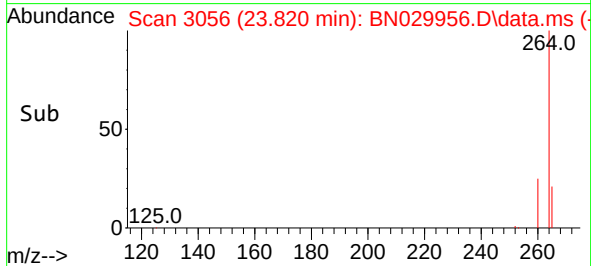


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.820 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

Instrument :
BNA_N
ClientSampleId :
PB159108BL

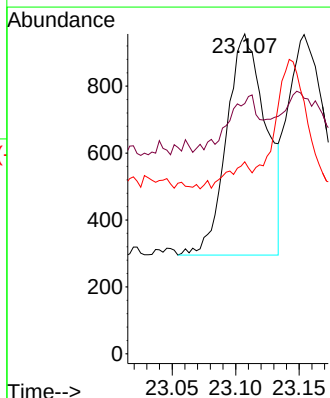
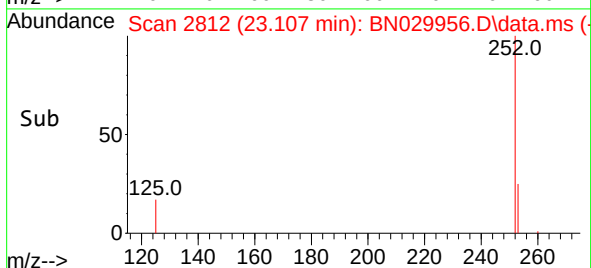
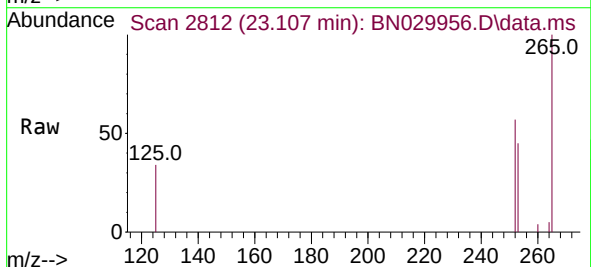


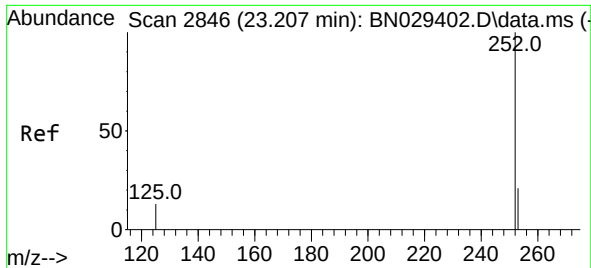
Tgt Ion:264 Resp: 13757
Ion Ratio Lower Upper
264 100
260 25.8 21.2 31.8
265 51.8 41.5 62.3



#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.107 min Scan# 2812
Delta R.T. -0.003 min
Lab File: BN029956.D
Acq: 23 Feb 2024 14:52

Tgt Ion:252 Resp: 1426
Ion Ratio Lower Upper
252 100
253 78.2 21.7 32.5#
125 60.0 13.3 19.9#





#38

Benzo(k)fluoranthene

Concen: 0.025 ng

RT: 23.154 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN029956.D

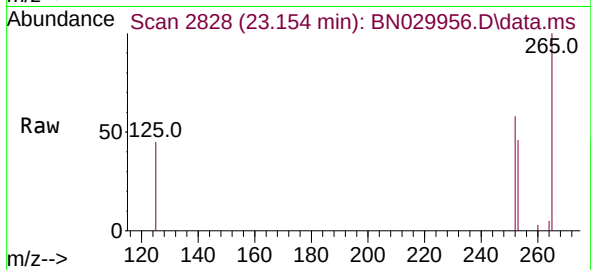
Acq: 23 Feb 2024 14:52

Instrument :

BNA_N

ClientSampleId :

PB159108BL



Tgt Ion:252 Resp: 1311

Ion Ratio Lower Upper

252 100

253 80.1 21.8 32.8#

125 79.0 13.9 20.9#

