

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028159.D
 Acq On : 09 Oct 2023 13:58
 Operator : MA/JU
 Sample : PB155953BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155953BL

Quant Time: Oct 09 15:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 12:40:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3310	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9184	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	4456	0.400	ng	0.01
19) Phenanthrene-d10	17.344	188	8437	0.400	ng	0.01
29) Chrysene-d12	21.524	240	7606	0.400	ng	0.00
35) Perylene-d12	23.984	264	8158	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	3690	0.374	ng	0.00
5) Phenol-d6	7.106	99	3542	0.284	ng	0.02
8) Nitrobenzene-d5	9.145	82	3169	0.405	ng	0.02
11) 2-Methylnaphthalene-d10	12.347	152	5629	0.414	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	420	0.206	ng	0.01
15) 2-Fluorobiphenyl	13.208	172	7328	0.456	ng	0.01
27) Fluoranthene-d10	19.365	212	9676	0.457	ng	0.00
31) Terphenyl-d14	19.950	244	8577	0.483	ng	0.00

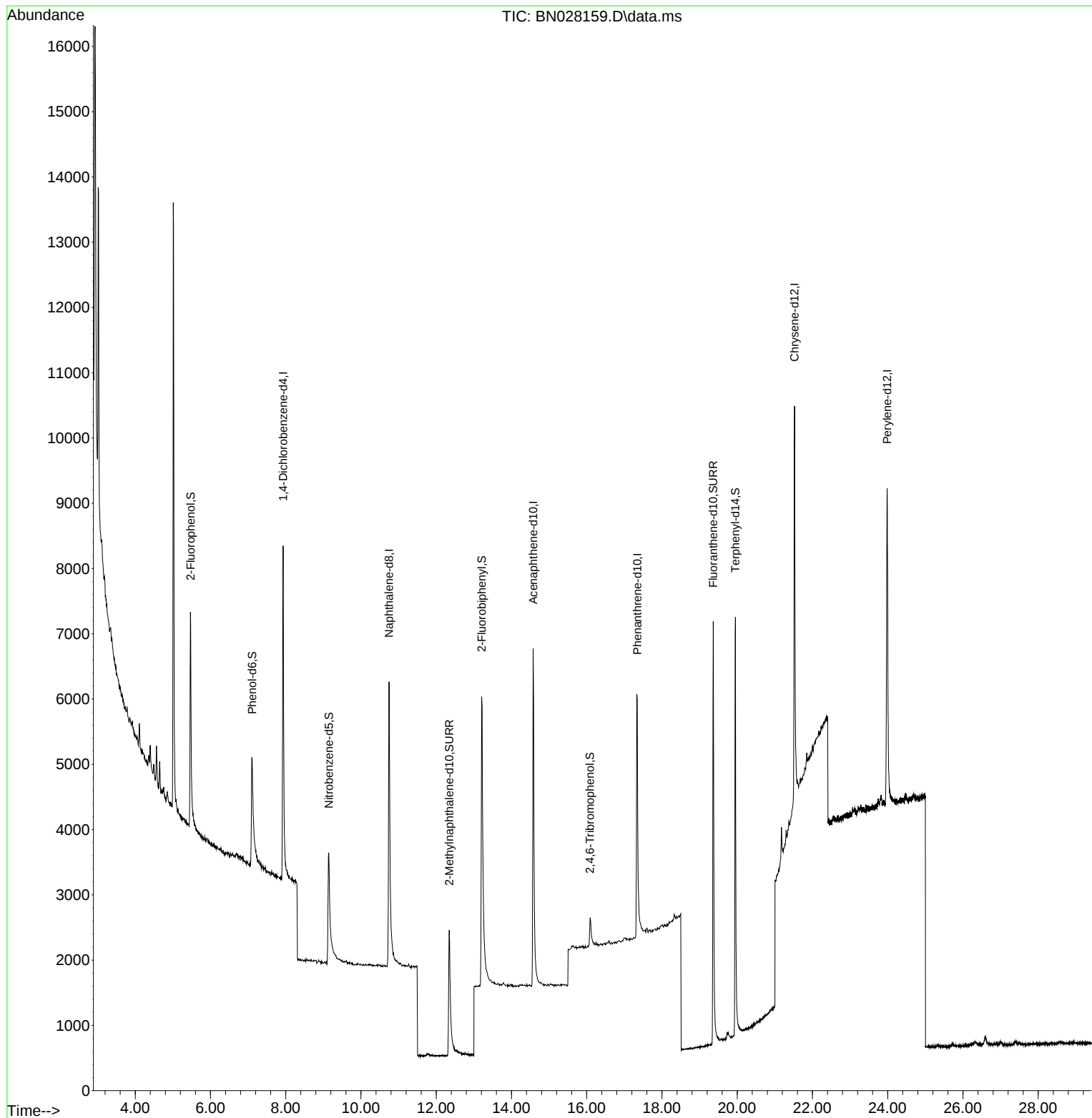
Target Compounds	Qvalue
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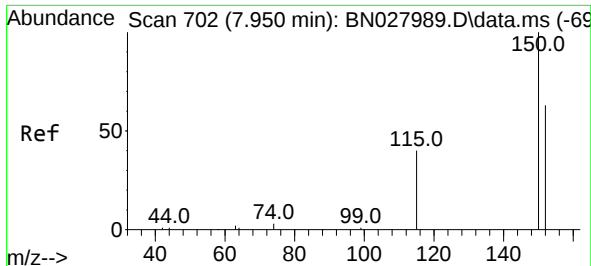
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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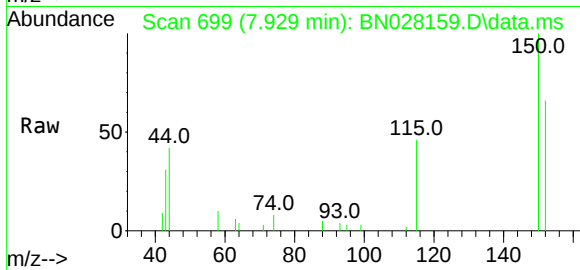
Quant Time: Oct 09 15:28:48 2023
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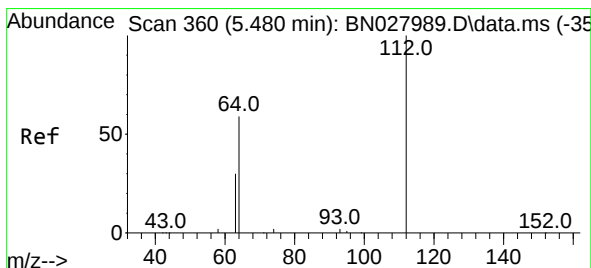
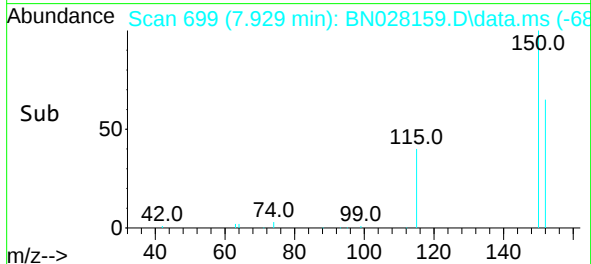
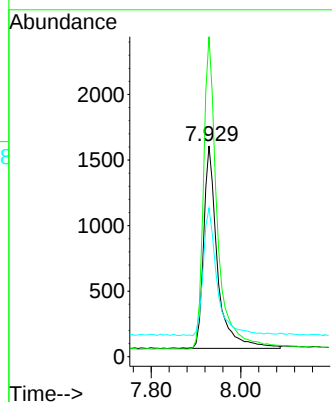
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN028159.D
 Acq: 09 Oct 2023 13:58

Instrument :
 BNA_N
 ClientSampleId :
 PB155953BL



Tgt Ion:152 Resp: 3310

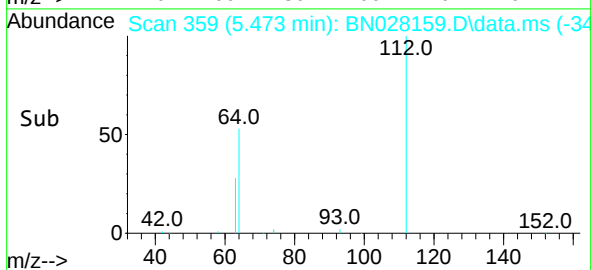
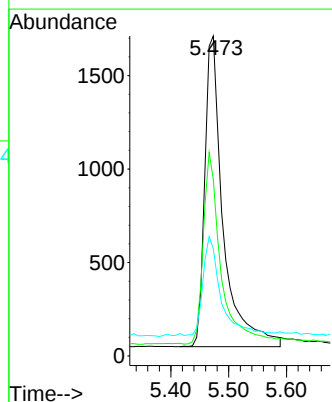
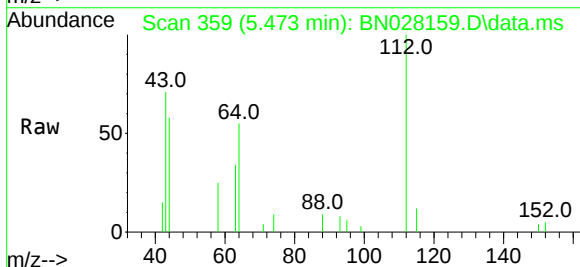
Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.6	188.4
115	70.5	54.8	82.2

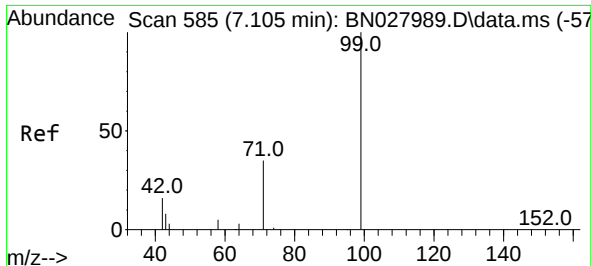


#4
 2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.473 min Scan# 359
 Delta R.T. 0.007 min
 Lab File: BN028159.D
 Acq: 09 Oct 2023 13:58

Tgt Ion:112 Resp: 3690

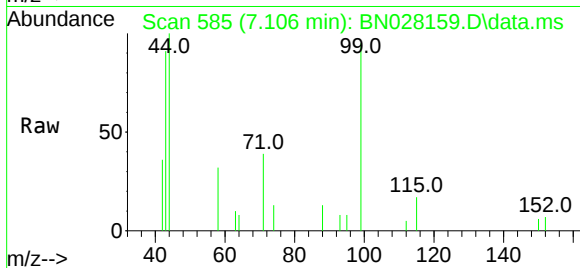
Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.0	67.6
63	30.9	23.4	35.0



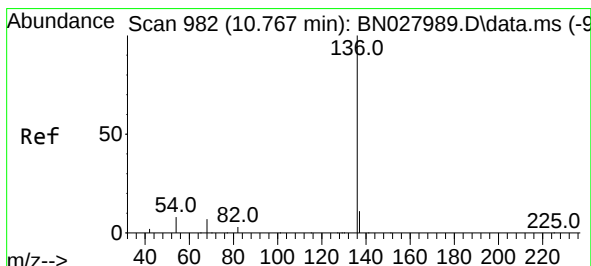
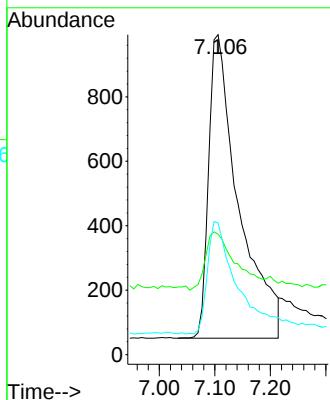
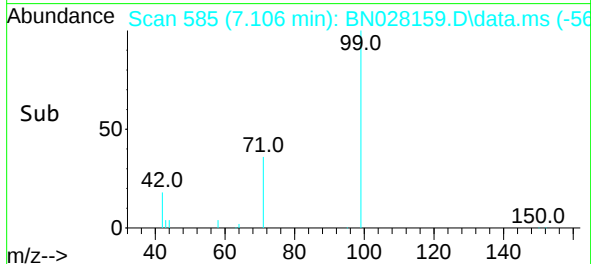


#5
Phenol-d6
Concen: 0.284 ng
RT: 7.106 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Instrument :
BNA_N
ClientSampleId :
PB155953BL

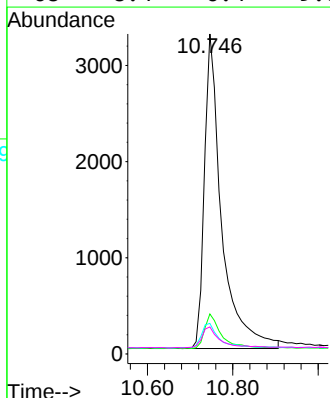
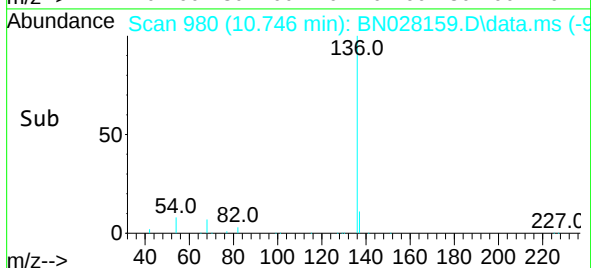
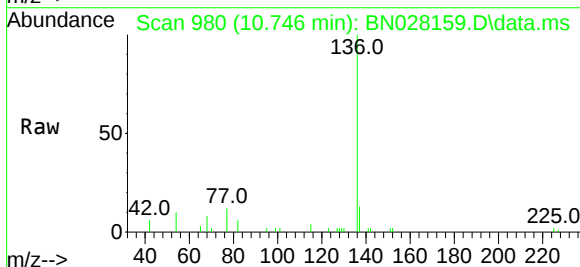


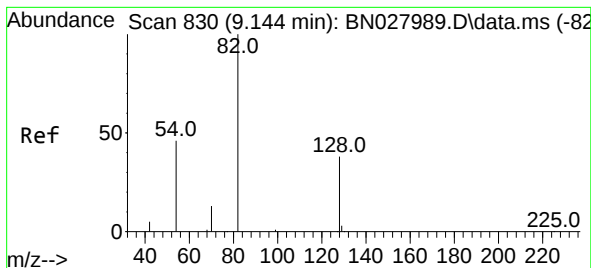
Tgt Ion:	99	Resp:	3542
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.6	22.0
71	36.7	28.3	42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Tgt Ion:	136	Resp:	9184
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	9.5	7.0	10.6
68	8.4	6.4	9.6





#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.145 min Scan# 81

Delta R.T. 0.021 min

Lab File: BN028159.D

Acq: 09 Oct 2023 13:58

Instrument :

BNA_N

ClientSampleId :

PB155953BL

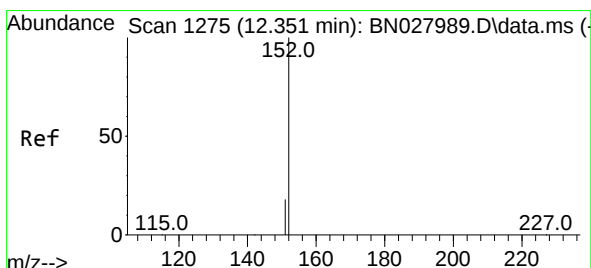
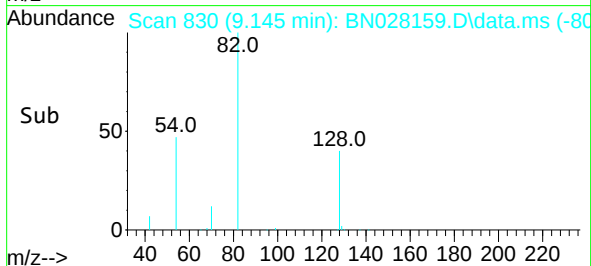
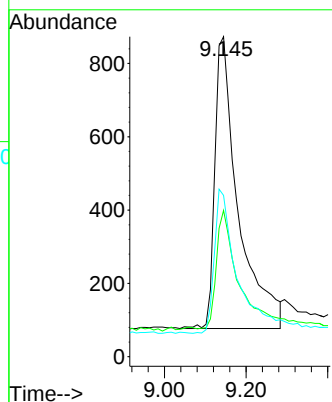
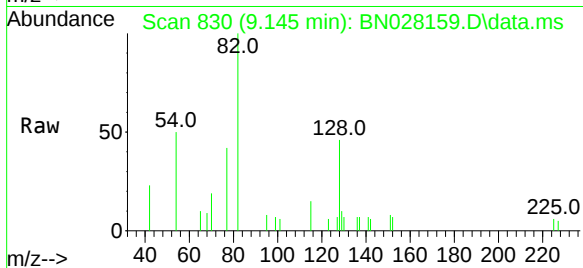
Tgt Ion: 82 Resp: 3169

Ion Ratio Lower Upper

82 100

128 45.7 32.7 49.1

54 50.4 38.7 58.1



#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 12.347 min Scan# 1274

Delta R.T. 0.023 min

Lab File: BN028159.D

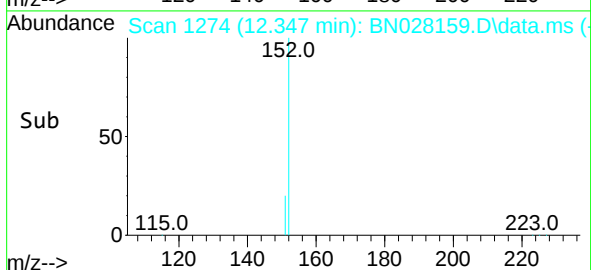
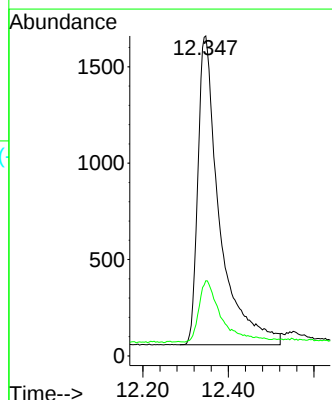
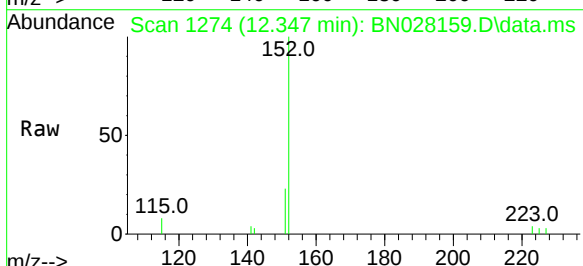
Acq: 09 Oct 2023 13:58

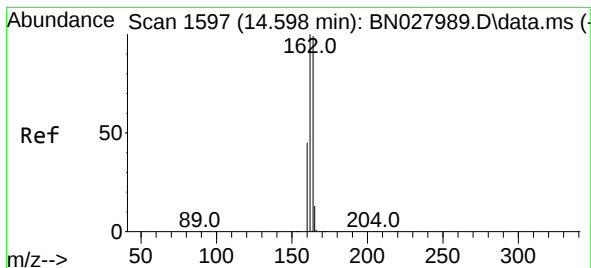
Tgt Ion: 152 Resp: 5629

Ion Ratio Lower Upper

152 100

151 19.7 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.576 min Scan# 1595

Delta R.T. 0.011 min

Lab File: BN028159.D

Acq: 09 Oct 2023 13:58

Instrument :

BNA_N

ClientSampleId :

PB155953BL

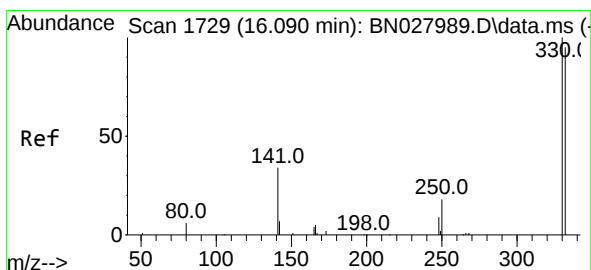
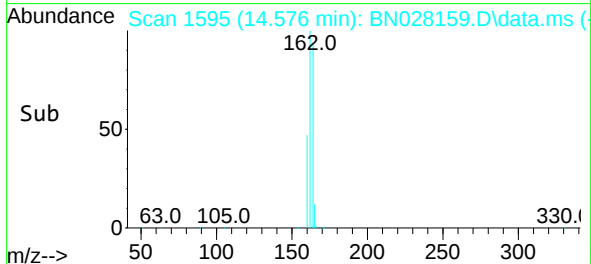
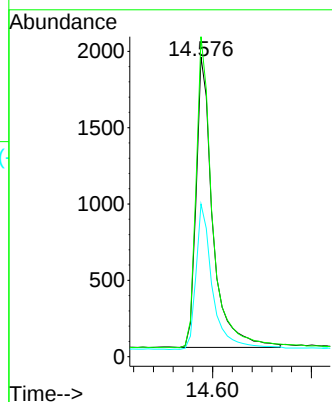
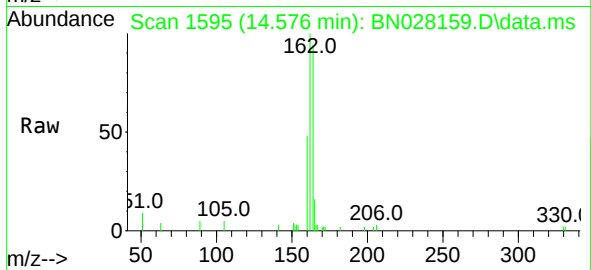
Tgt Ion:164 Resp: 4456

Ion Ratio Lower Upper

164 100

162 106.8 80.8 121.2

160 50.9 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.206 ng

RT: 16.090 min Scan# 1729

Delta R.T. 0.013 min

Lab File: BN028159.D

Acq: 09 Oct 2023 13:58

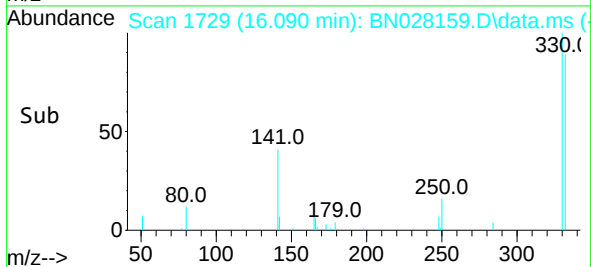
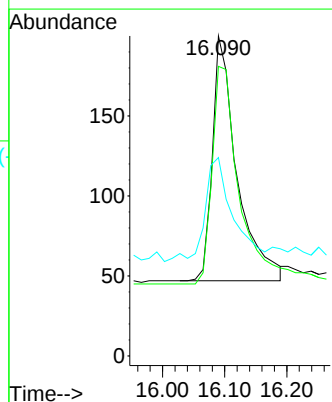
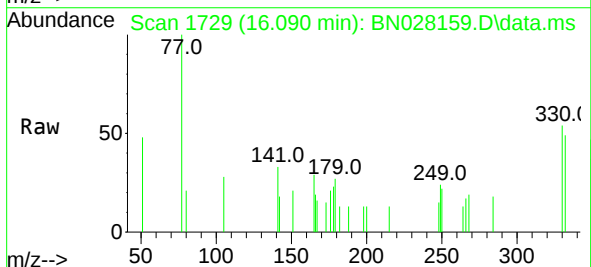
Tgt Ion:330 Resp: 420

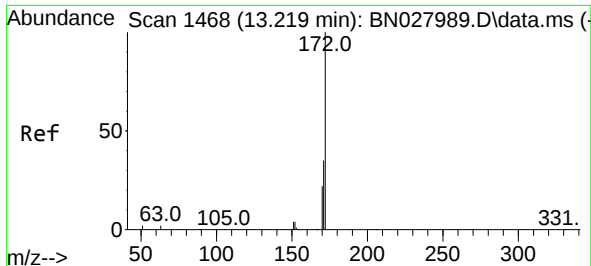
Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 43.8 33.4 50.2

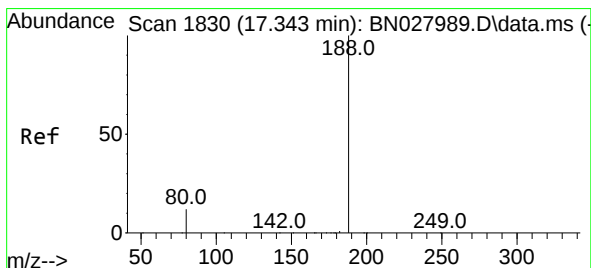
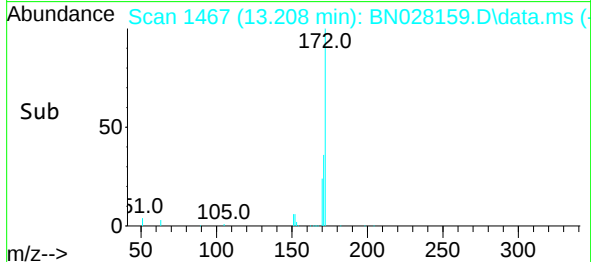
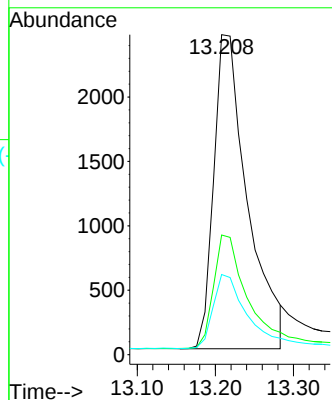
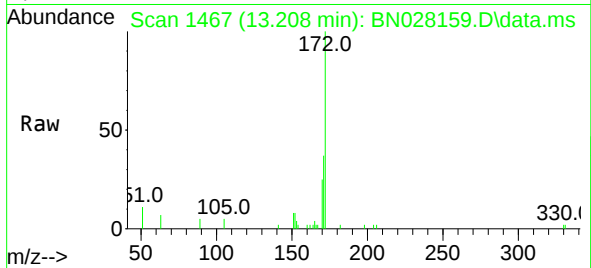




#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.208 min Scan# 1467
Delta R.T. 0.011 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

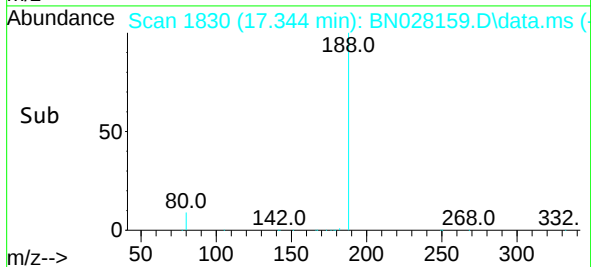
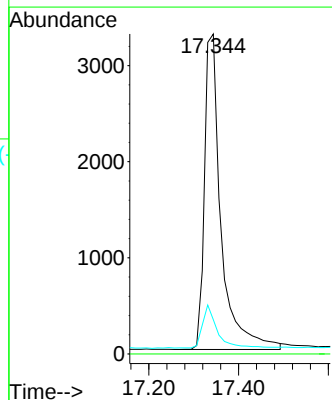
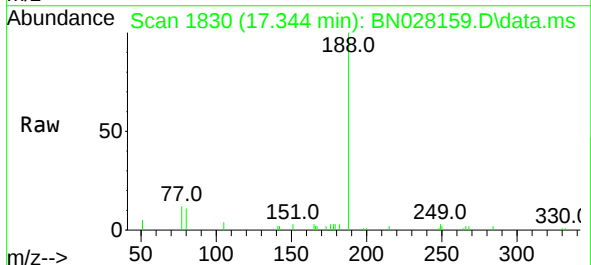
Instrument :
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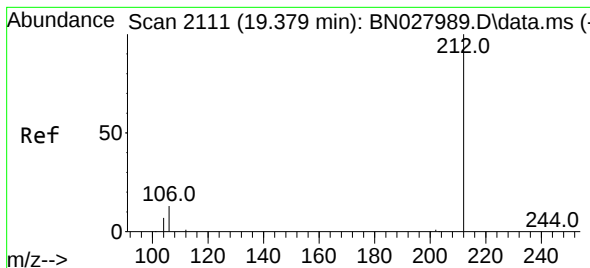
Tgt Ion:172 Resp: 7328
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 25.0 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.344 min Scan# 1830
Delta R.T. 0.013 min
Lab File: BN028159.D
Acq: 09 Oct 2023 13:58

Tgt Ion:188 Resp: 8437
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 10.2 15.4





#27

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.365 min Scan# 2111

Delta R.T. 0.009 min

Lab File: BN028159.D

Acq: 09 Oct 2023 13:58

Instrument :

BNA_N

ClientSampleId :

PB155953BL

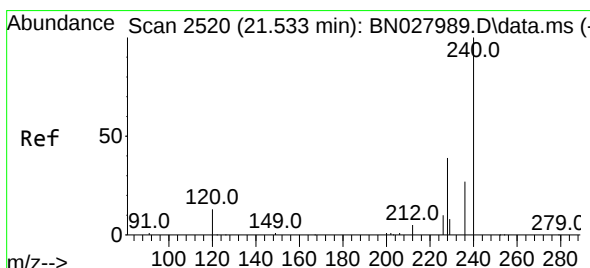
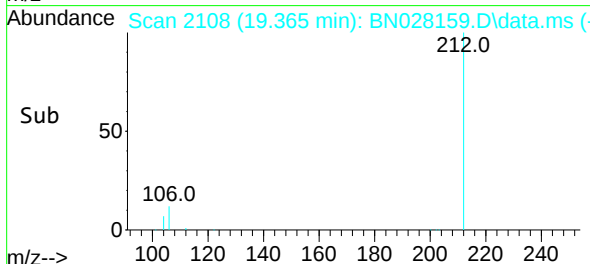
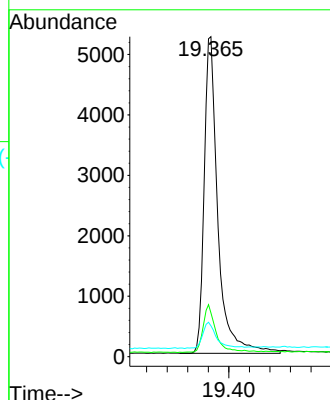
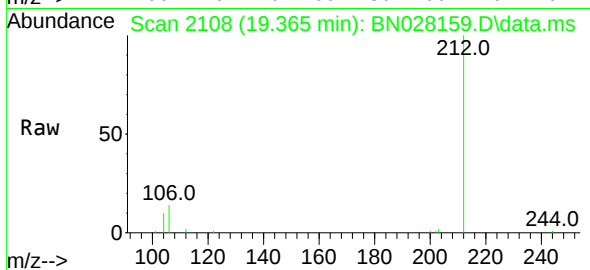
Tgt Ion:212 Resp: 9676

Ion Ratio Lower Upper

212 100

106 13.9 11.3 16.9

104 8.4 6.4 9.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 2519

Delta R.T. 0.009 min

Lab File: BN028159.D

Acq: 09 Oct 2023 13:58

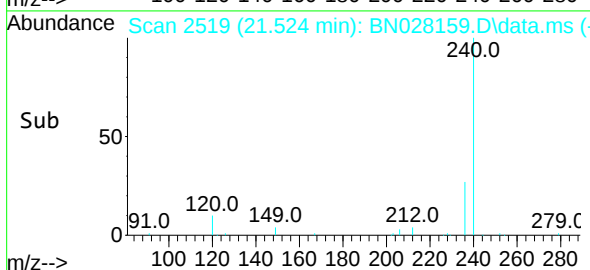
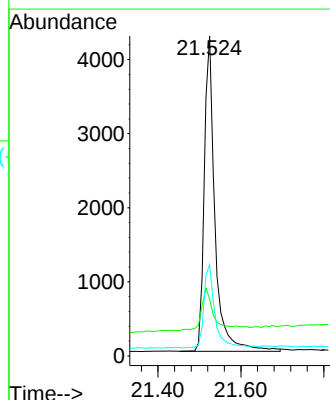
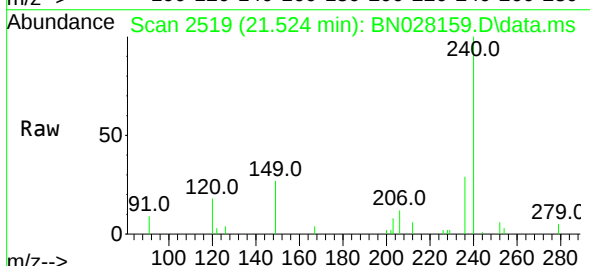
Tgt Ion:240 Resp: 7606

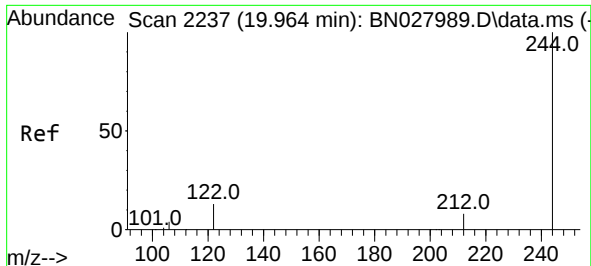
Ion Ratio Lower Upper

240 100

120 17.7 13.8 20.6

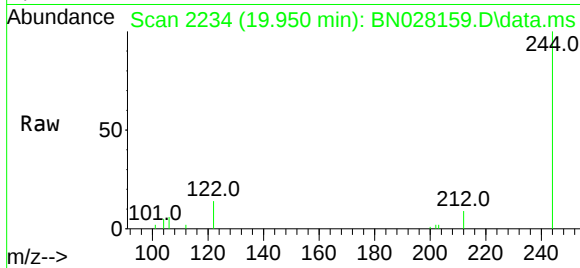
236 28.6 22.6 33.8



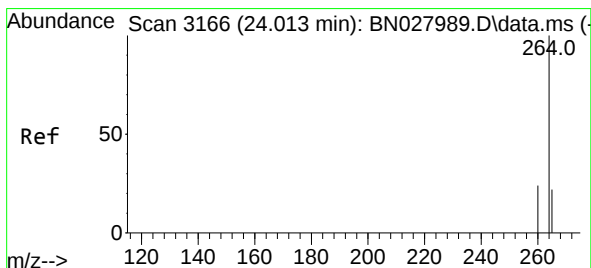
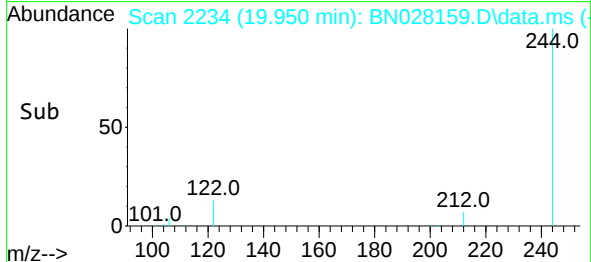
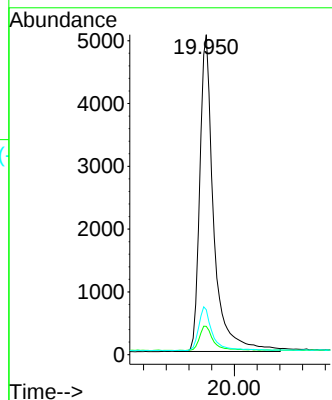


#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 19.950 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028159.D
 Acq: 09 Oct 2023 13:58

Instrument :
 BNA_N
 ClientSampleId :
 PB155953BL



Tgt Ion:244 Resp: 8577
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 9.8
 122 14.1 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.984 min Scan# 3156
 Delta R.T. 0.006 min
 Lab File: BN028159.D
 Acq: 09 Oct 2023 13:58

Tgt Ion:264 Resp: 8158
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.4
 265 97.9 54.8 82.2#

