

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028162.D
 Acq On : 09 Oct 2023 15:46
 Operator : MA/JU
 Sample : PB155921BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155921BL

Quant Time: Oct 09 16:19:31 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	3629	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9940	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	5019	0.400	ng	0.01
19) Phenanthrene-d10	17.331	188	9713	0.400	ng	0.00
29) Chrysene-d12	21.524	240	8279	0.400	ng	0.00
35) Perylene-d12	23.987	264	8743	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	3444	0.318	ng	0.00
5) Phenol-d6	7.105	99	3292	0.241	ng	0.02
8) Nitrobenzene-d5	9.144	82	3079	0.364	ng	0.02
11) 2-Methylnaphthalene-d10	12.347	152	5364	0.364	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	416	0.181	ng	0.01
15) 2-Fluorobiphenyl	13.218	172	7099	0.392	ng	0.02
27) Fluoranthene-d10	19.365	212	9527	0.391	ng	0.00
31) Terphenyl-d14	19.950	244	8487	0.439	ng	0.00

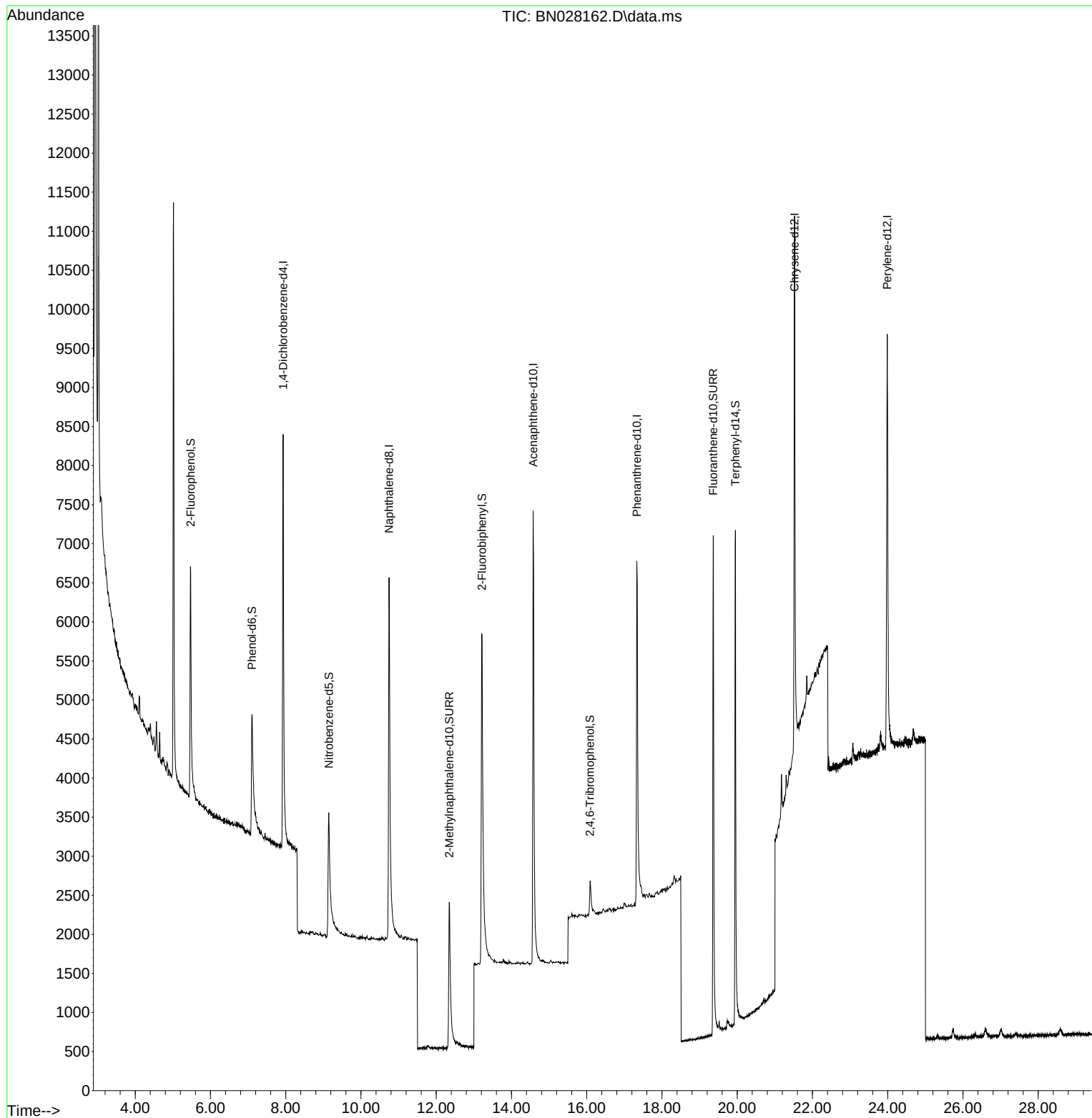
Target Compounds Qvalue

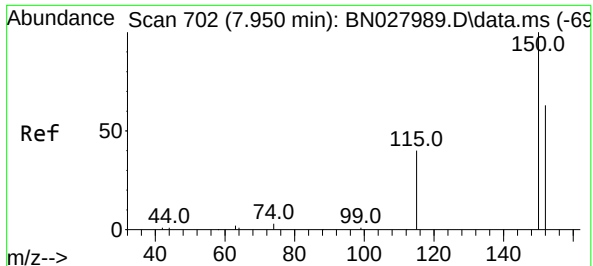
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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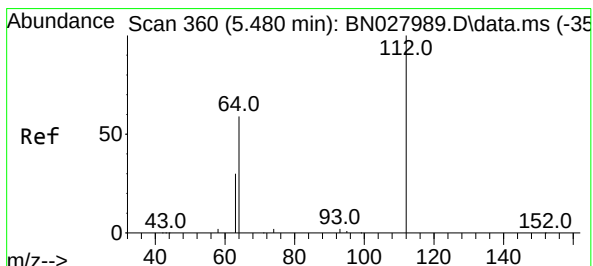
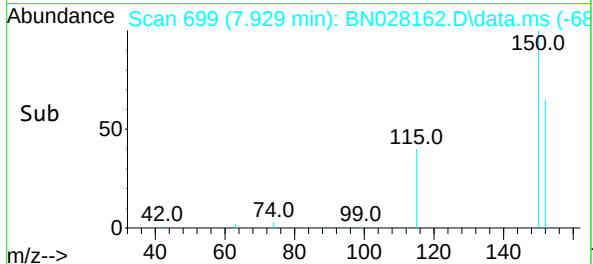
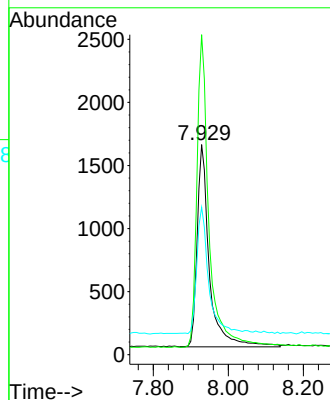
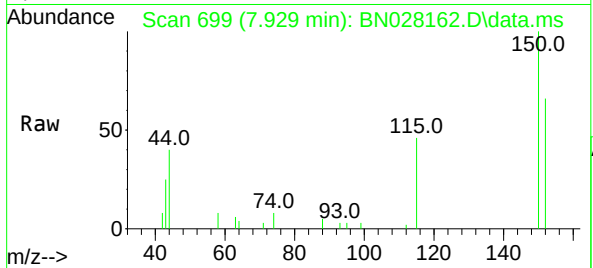




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN028162.D
 Acq: 09 Oct 2023 15:46

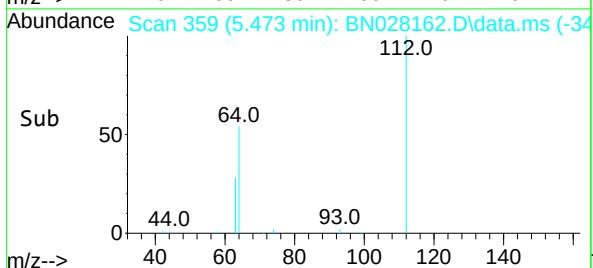
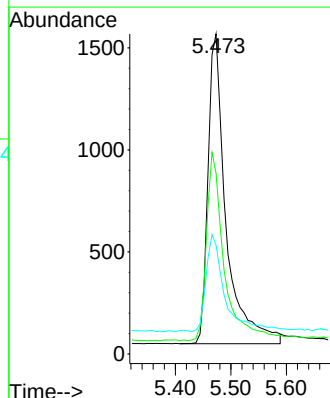
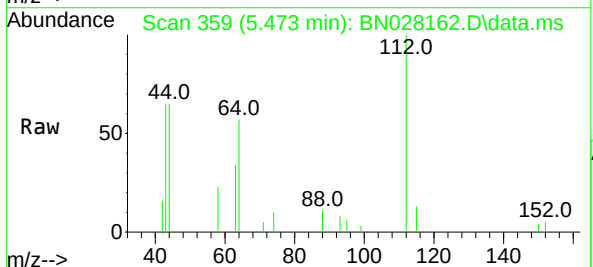
Instrument :
 BNA_N
 ClientSampleId :
 PB155921BL

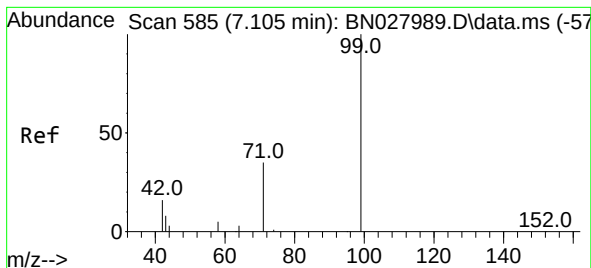
Tgt Ion:152 Resp: 3629
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.6 188.4
 115 70.2 54.8 82.2



#4
 2-Fluorophenol
 Concen: 0.318 ng
 RT: 5.473 min Scan# 359
 Delta R.T. 0.007 min
 Lab File: BN028162.D
 Acq: 09 Oct 2023 15:46

Tgt Ion:112 Resp: 3444
 Ion Ratio Lower Upper
 112 100
 64 59.1 45.0 67.6
 63 32.1 23.4 35.0





#5

Phenol-d6

Concen: 0.241 ng

RT: 7.105 min Scan# 51

Delta R.T. 0.022 min

Lab File: BN028162.D

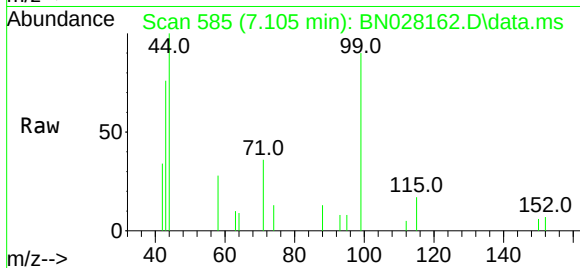
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Instrument :

BNA_N

ClientSampleId :

PB155921BL



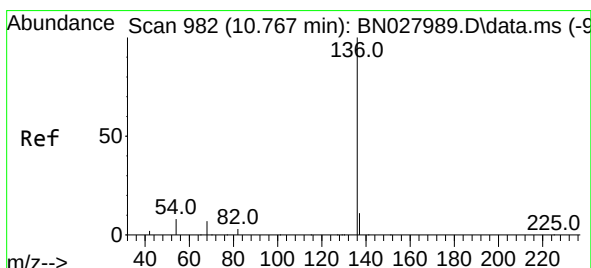
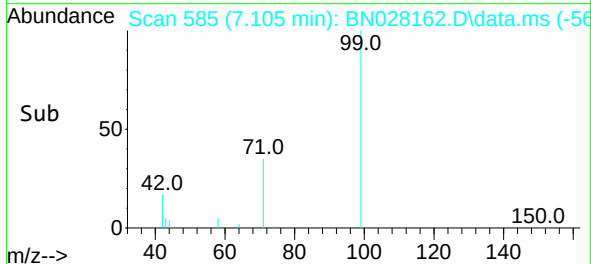
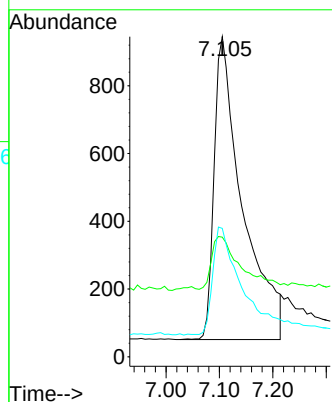
Tgt Ion: 99 Resp: 3292

Ion Ratio Lower Upper

99 100

42 18.0 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: BN028162.D

Acq: 09 Oct 2023 15:46

Tgt Ion: 136 Resp: 9940

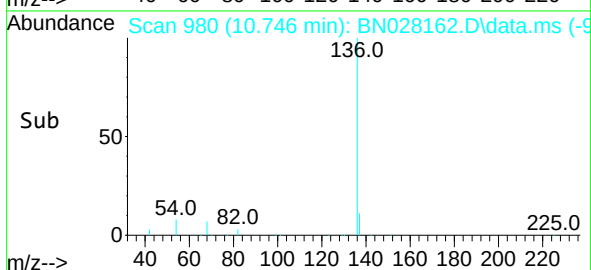
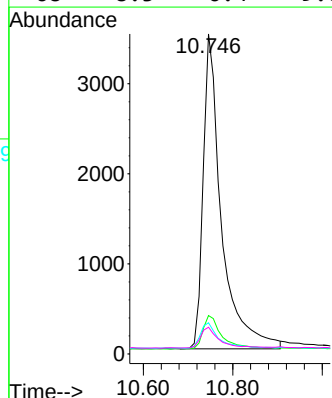
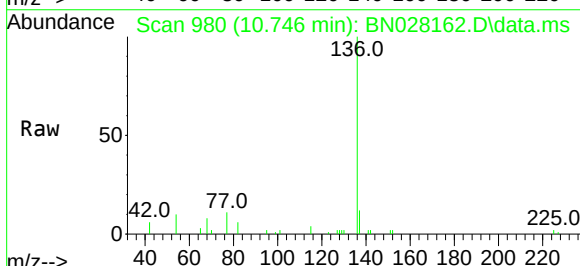
Ion Ratio Lower Upper

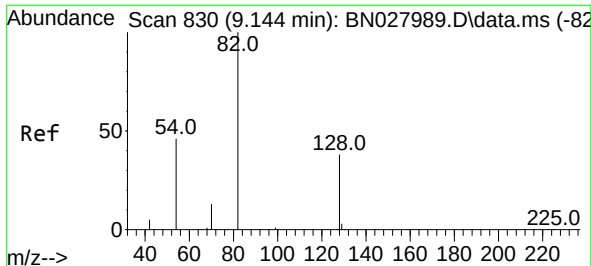
136 100

137 12.0 9.4 14.0

54 9.8 7.0 10.6

68 8.3 6.4 9.6

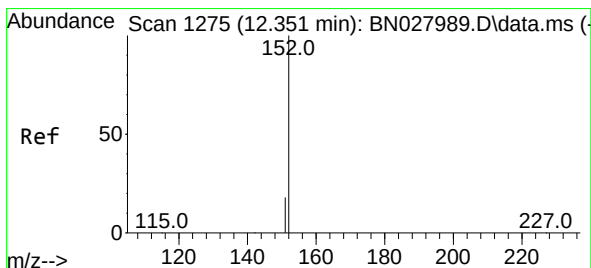
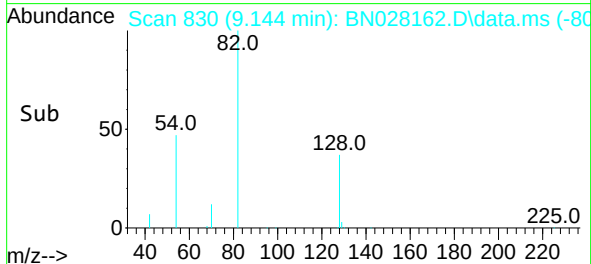
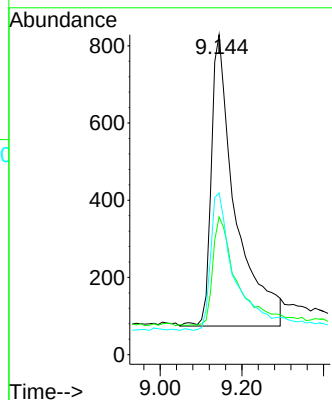
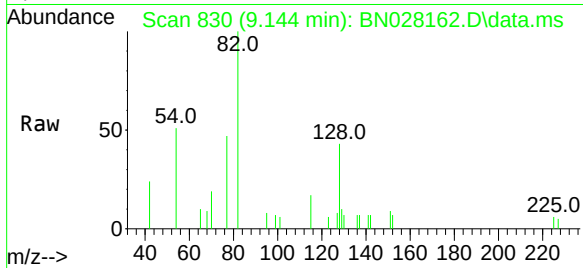




#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028162.D
Acq: 09 Oct 2023 15:46

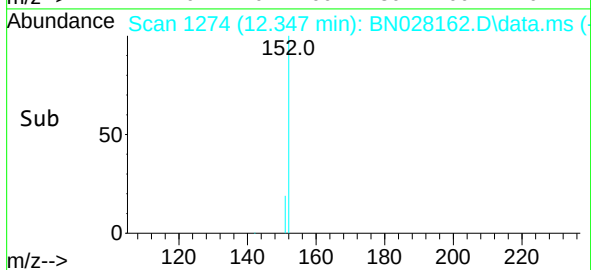
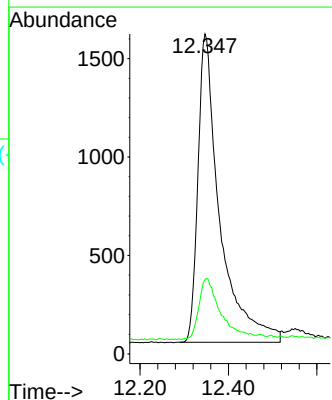
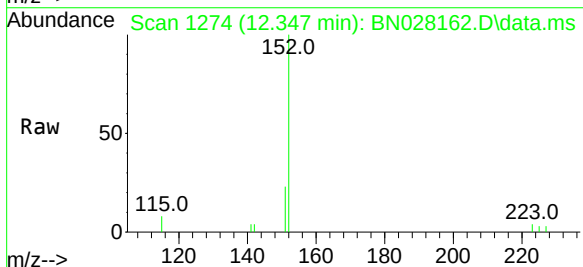
Instrument :
BNA_N
ClientSampleId :
PB155921BL

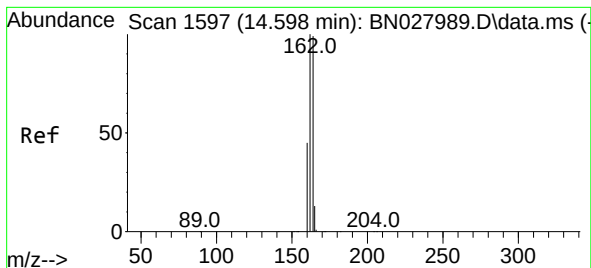
Tgt Ion: 82 Resp: 3079
Ion Ratio Lower Upper
82 100
128 43.1 32.7 49.1
54 50.5 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.347 min Scan# 1274
Delta R.T. 0.023 min
Lab File: BN028162.D
Acq: 09 Oct 2023 15:46

Tgt Ion: 152 Resp: 5364
Ion Ratio Lower Upper
152 100
151 19.6 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: BN028162.D

Acq: 09 Oct 2023 15:46

Instrument :

BNA_N

ClientSampleId :

PB155921BL

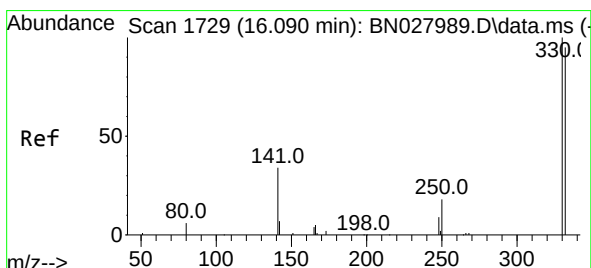
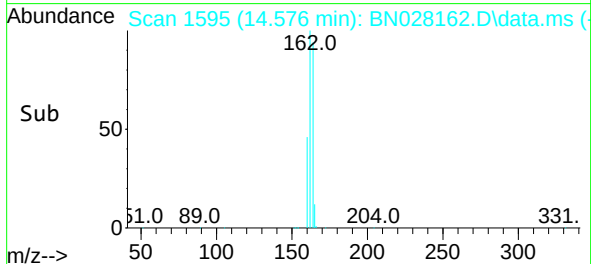
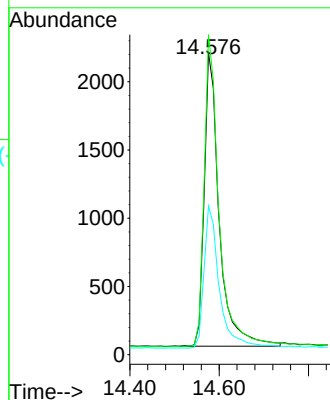
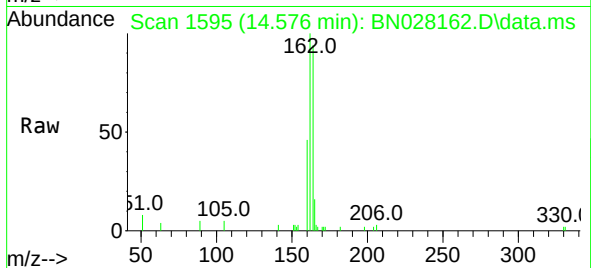
Tgt Ion:164 Resp: 5019

Ion Ratio Lower Upper

164 100

162 106.1 80.8 121.2

160 49.3 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.181 ng

RT: 16.090 min Scan# 1729

Delta R.T. 0.012 min

Lab File: BN028162.D

Acq: 09 Oct 2023 15:46

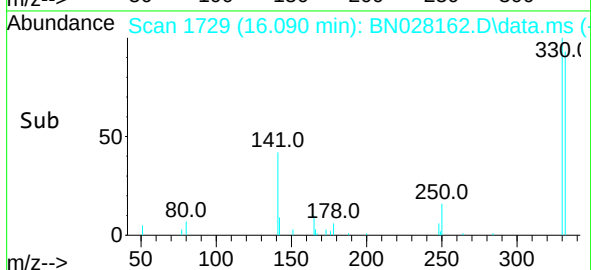
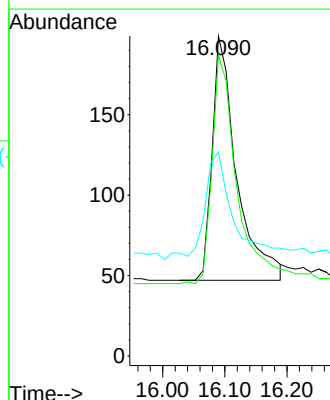
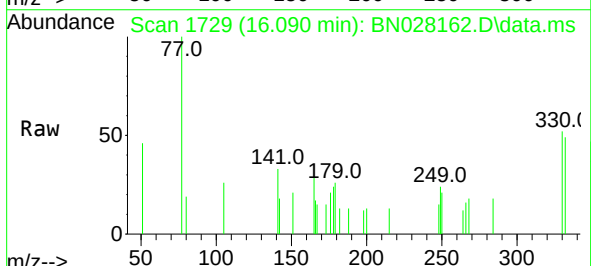
Tgt Ion:330 Resp: 416

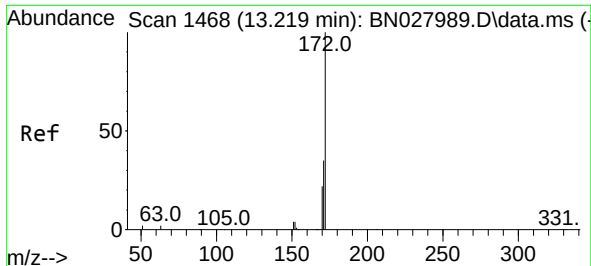
Ion Ratio Lower Upper

330 100

332 94.2 78.1 117.1

141 40.6 33.4 50.2

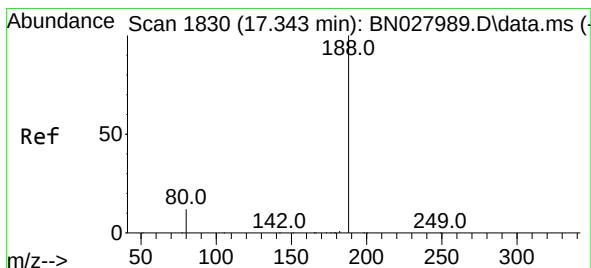
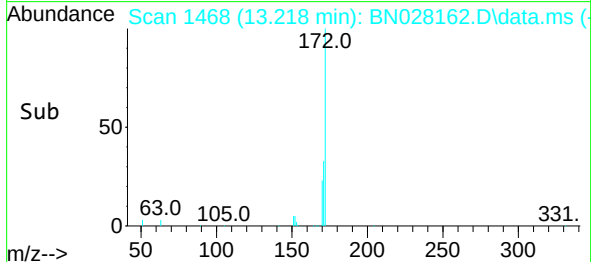
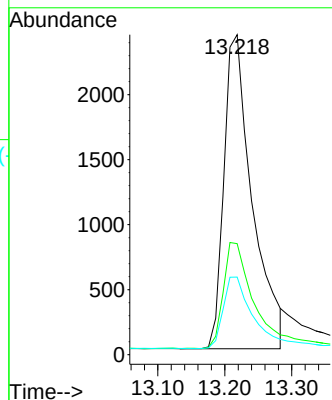
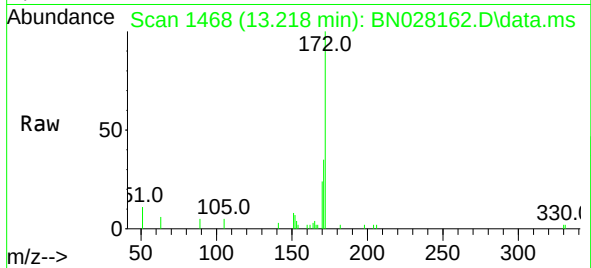




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.218 min Scan# 1468
Delta R.T. 0.021 min
Lab File: BN028162.D
Acq: 09 Oct 2023 15:46

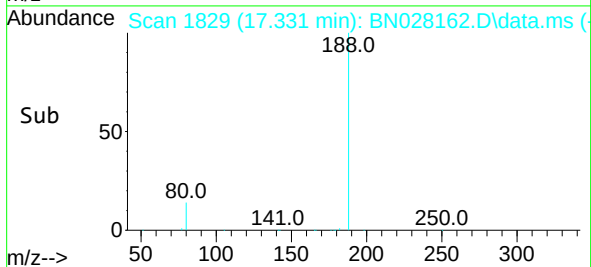
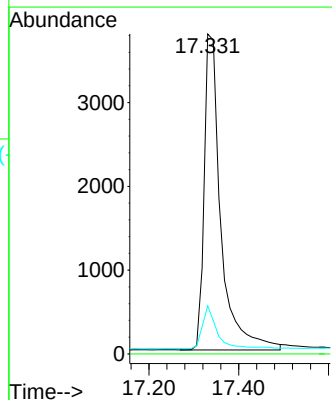
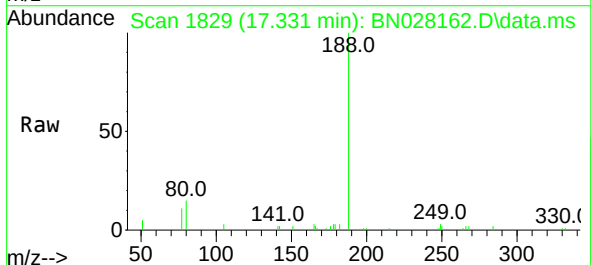
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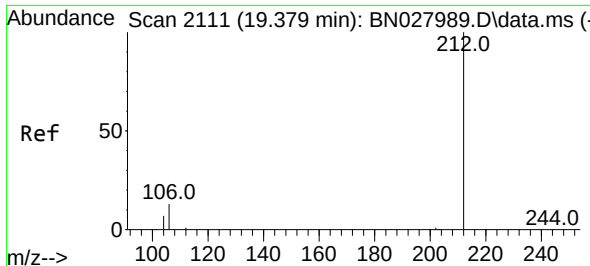
Tgt Ion:172 Resp: 7099
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.3 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN028162.D
Acq: 09 Oct 2023 15:46

Tgt Ion:188 Resp: 9713
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.2 15.4

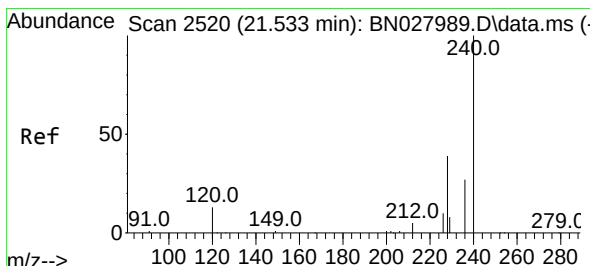
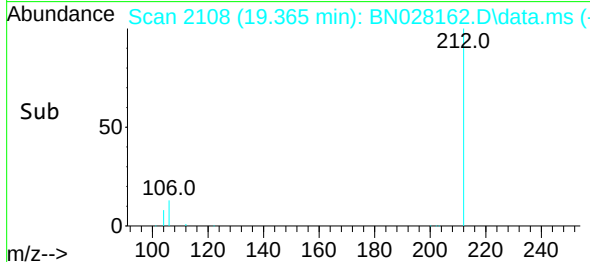
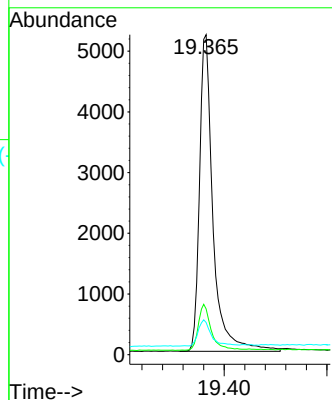
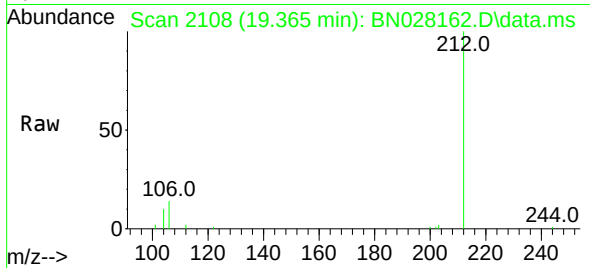




#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.365 min Scan# 2111
Delta R.T. 0.009 min
Lab File: BN028162.D
Acq: 09 Oct 2023 15:46

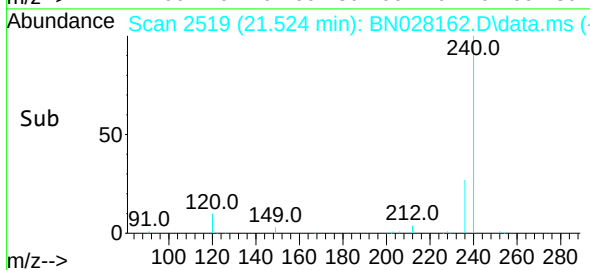
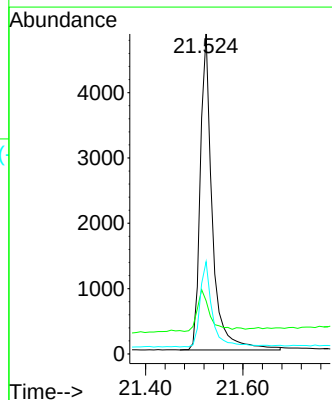
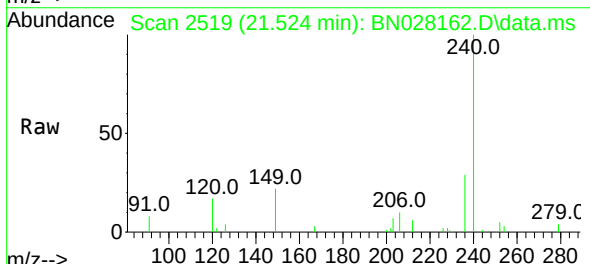
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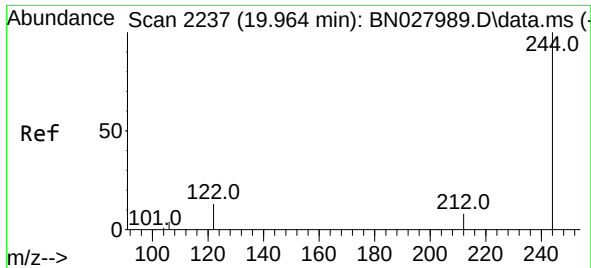
Tgt Ion:212 Resp: 9527
Ion Ratio Lower Upper
212 100
106 14.1 11.3 16.9
104 8.2 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028162.D
Acq: 09 Oct 2023 15:46

Tgt Ion:240 Resp: 8279
Ion Ratio Lower Upper
240 100
120 16.6 13.8 20.6
236 28.9 22.6 33.8

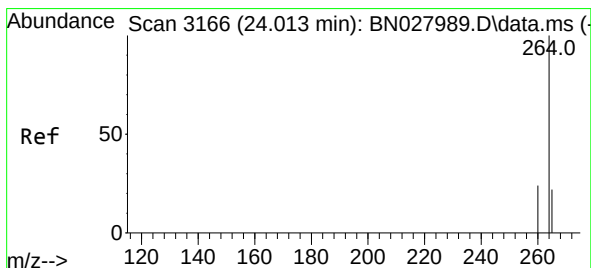
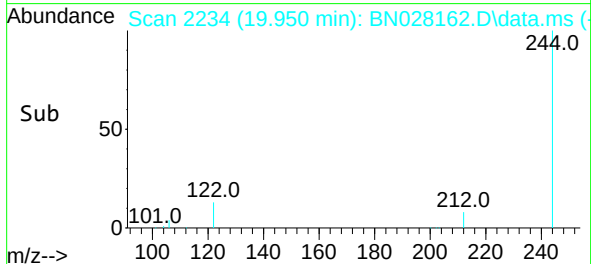
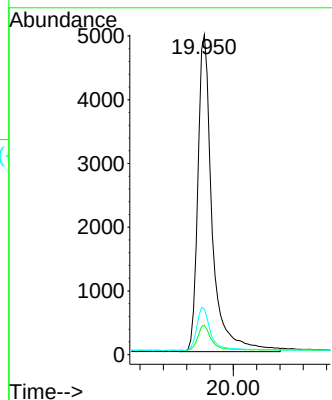
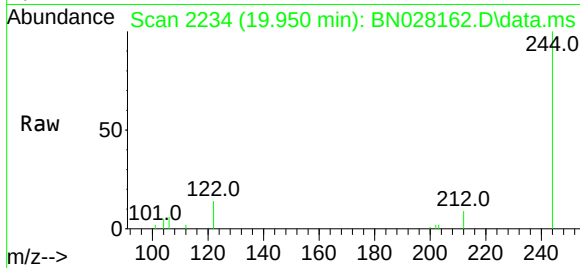




#31
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.950 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028162.D
 Acq: 09 Oct 2023 15:46

Instrument :
 BNA_N
 ClientSampleId :
 PB155921BL

Tgt Ion:244 Resp: 8487
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 9.8
 122 14.3 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.987 min Scan# 3157
 Delta R.T. 0.009 min
 Lab File: BN028162.D
 Acq: 09 Oct 2023 15:46

Tgt Ion:264 Resp: 8743
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 93.2 54.8 82.2#

