

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012424\
 Data File : BN029376.D
 Acq On : 24 Jan 2024 11:26
 Operator : MA/JU
 Sample : PB158451BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158451BL

Quant Time: Jan 24 12:17:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 02:16:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	5353	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14546	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7118	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	16411	0.400	ng	0.00
29) Chrysene-d12	21.501	240	12973	0.400	ng	# 0.00
35) Perylene-d12	23.899	264	13056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.485	112	5274	0.371	ng	0.00
5) Phenol-d6	7.074	99	6842	0.360	ng	0.00
8) Nitrobenzene-d5	9.078	82	4321	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	6553	0.272	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	734	0.198	ng	0.00
15) 2-Fluorobiphenyl	13.185	172	10317	0.301	ng	0.00
27) Fluoranthene-d10	19.341	212	12717	0.261	ng	0.00
31) Terphenyl-d14	19.949	244	9900	0.298	ng	0.00

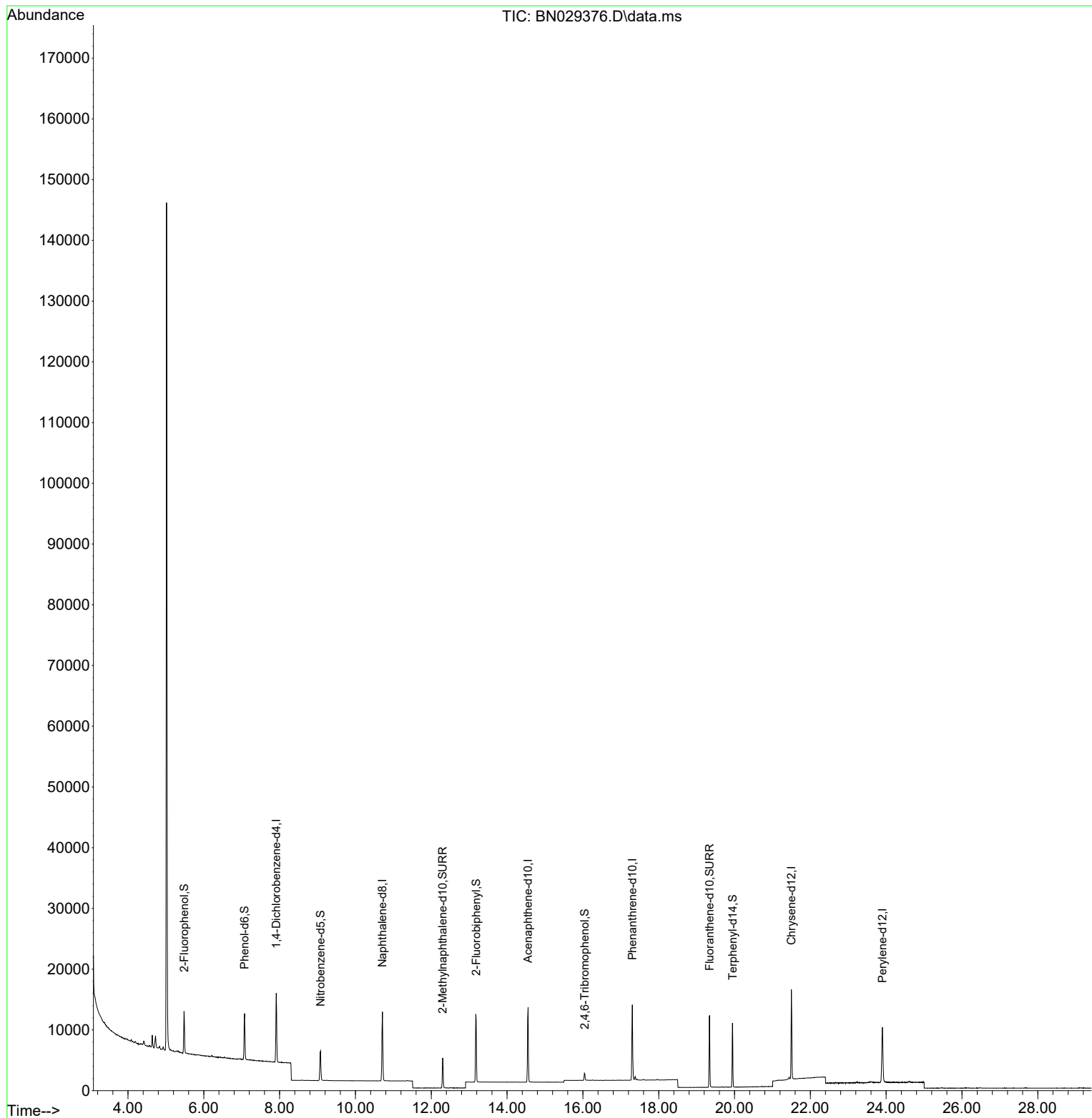
Target Compounds Qvalue

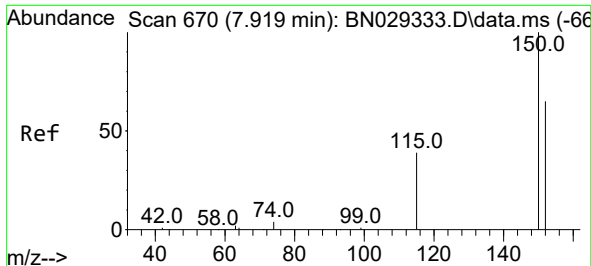
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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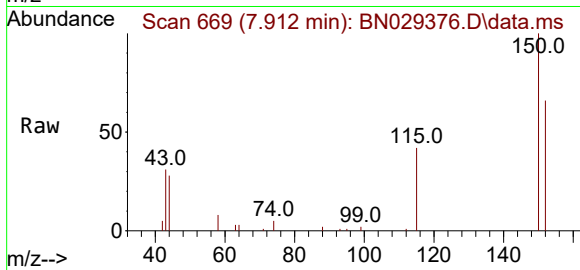
Quant Time: Jan 24 12:17:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
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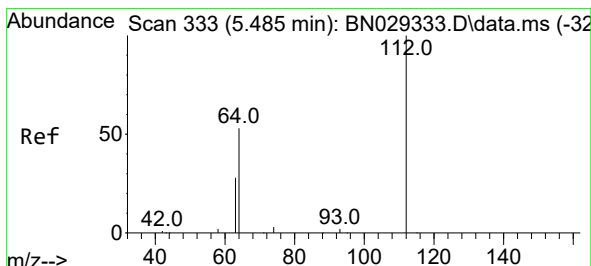
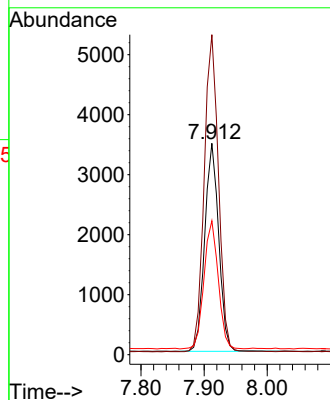
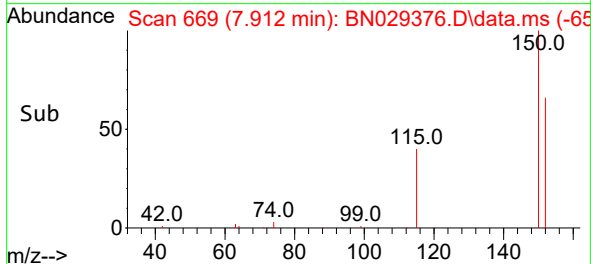


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 609
Delta R.T. -0.007 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

Instrument :
BNA_N
ClientSampleId :
PB158451BL

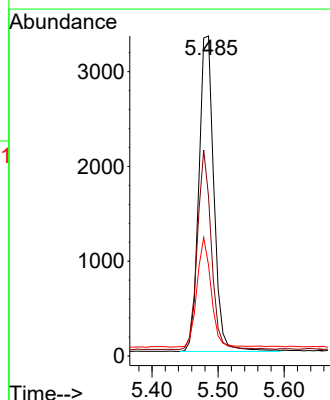
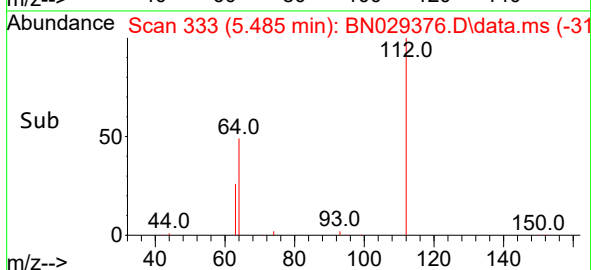
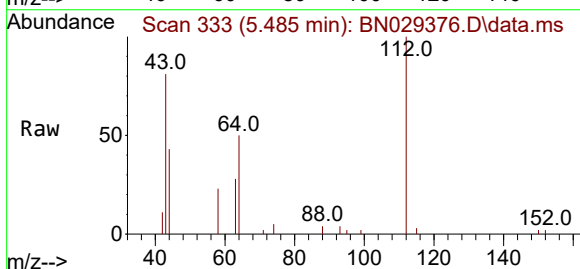


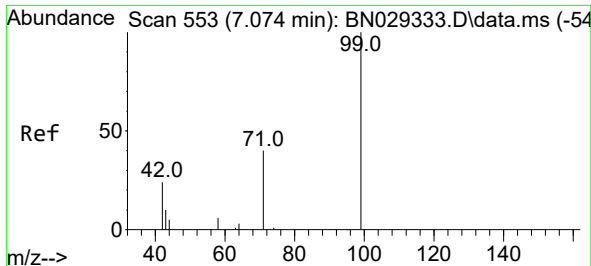
Tgt Ion:152 Resp: 5353
Ion Ratio Lower Upper
152 100
150 151.4 121.1 181.7
115 63.4 49.8 74.6



#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.485 min Scan# 333
Delta R.T. 0.000 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

Tgt Ion:112 Resp: 5274
Ion Ratio Lower Upper
112 100
64 58.5 47.6 71.4
63 32.5 27.0 40.6

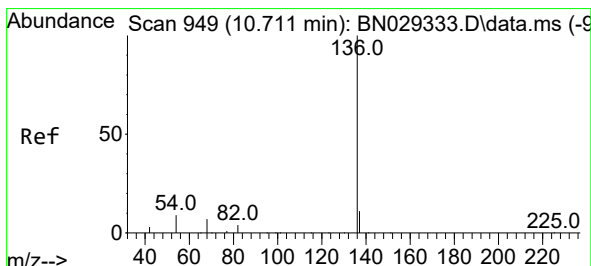
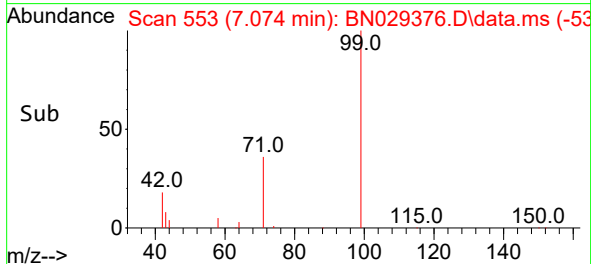
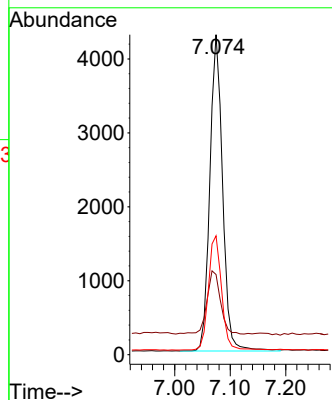
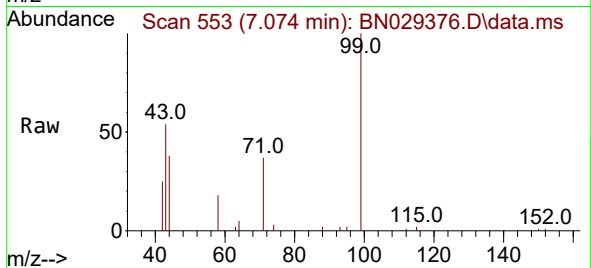




#5
Phenol-d6
Concen: 0.360 ng
RT: 7.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

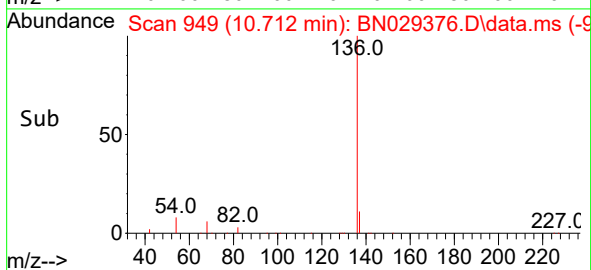
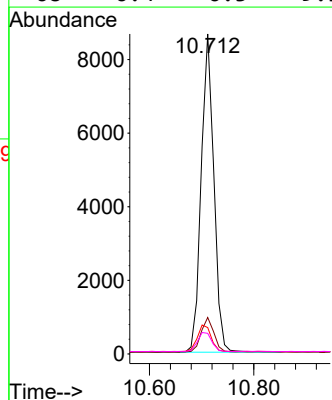
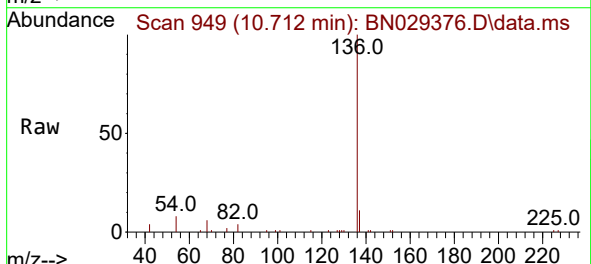
Instrument :
BNA_N
ClientSampleId :
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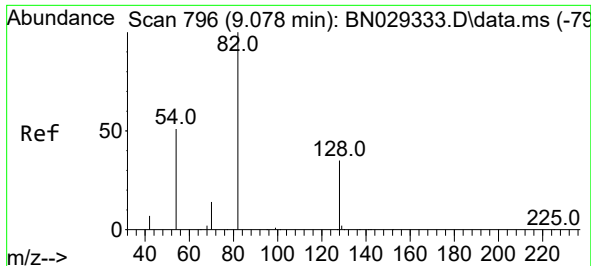
Tgt Ion: 99 Resp: 6842
Ion Ratio Lower Upper
99 100
42 21.7 19.3 28.9
71 37.4 31.0 46.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 136 Resp: 14546
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 8.3 7.9 11.9
68 6.4 6.3 9.5

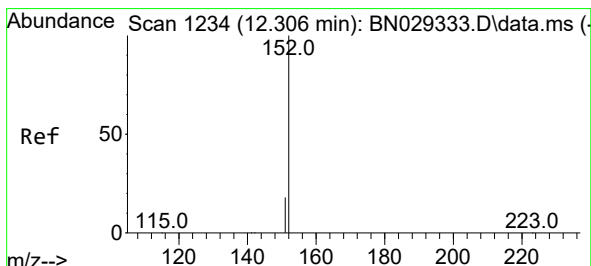
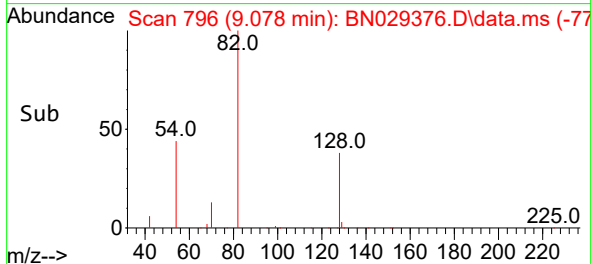
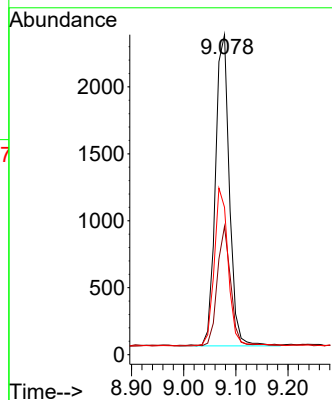
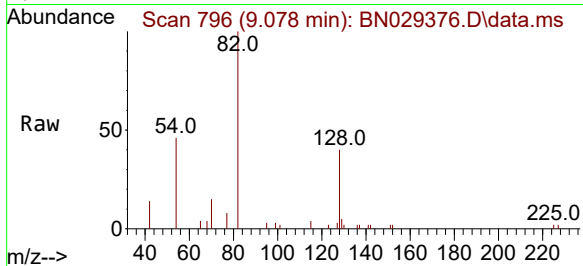




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

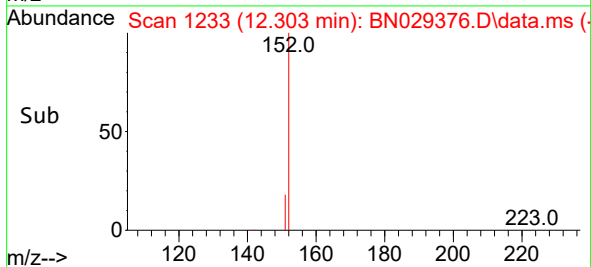
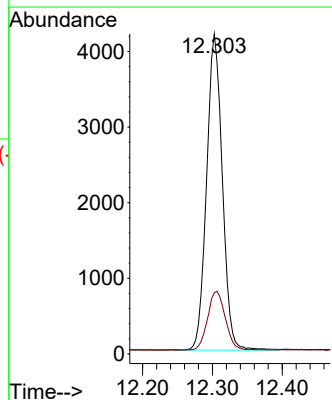
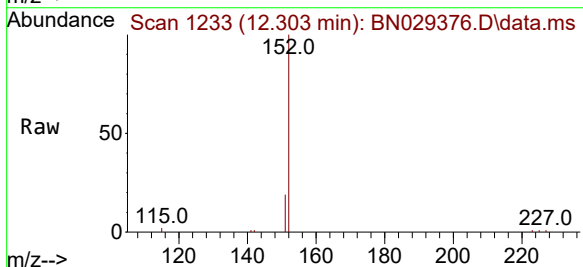
Instrument :
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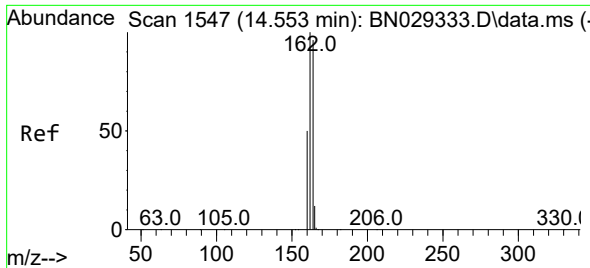
Tgt Ion: 82 Resp: 4321
Ion Ratio Lower Upper
82 100
128 40.1 29.8 44.6
54 46.1 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.003 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

Tgt Ion: 152 Resp: 6553
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3

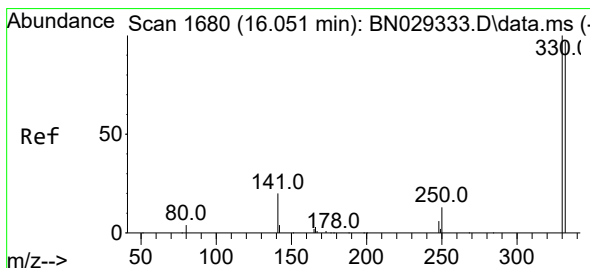
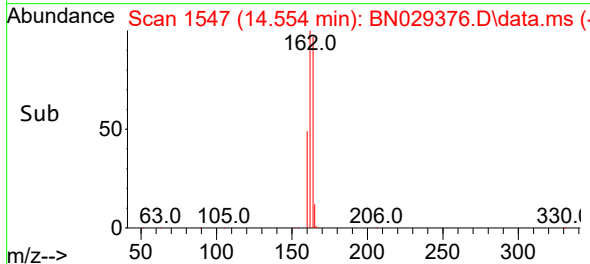
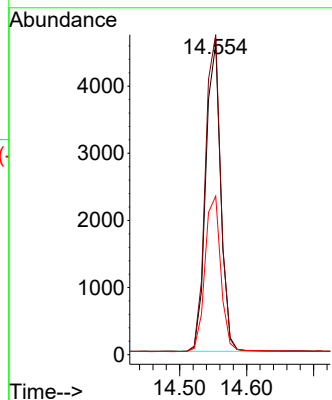
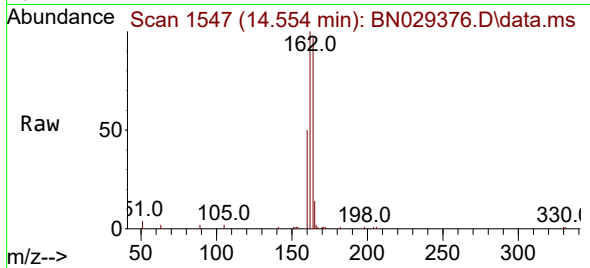




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.554 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN029376.D
 Acq: 24 Jan 2024 11:26

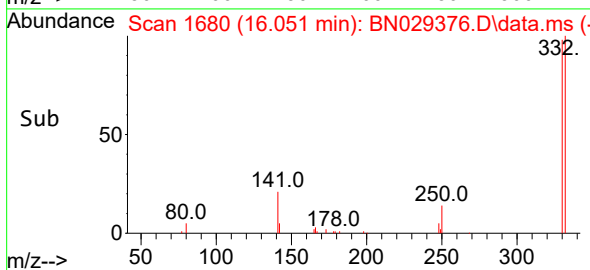
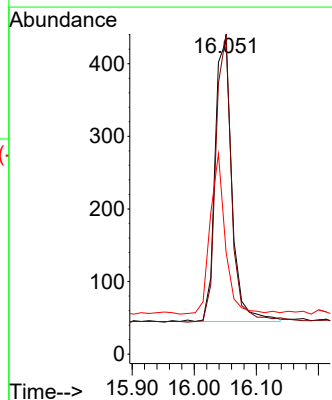
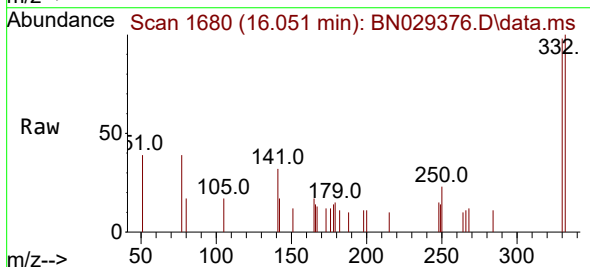
Instrument :
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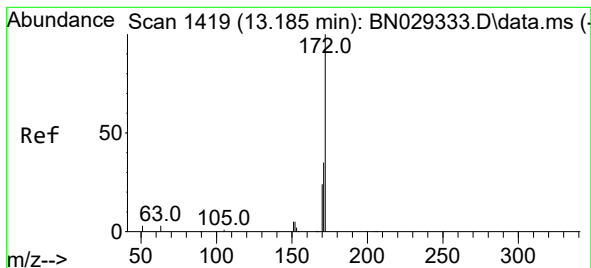
Tgt Ion:164 Resp: 7118
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.5 125.3
 160 51.0 42.1 63.1



#14
 2,4,6-Tribromophenol
 Concen: 0.198 ng
 RT: 16.051 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BN029376.D
 Acq: 24 Jan 2024 11:26

Tgt Ion:330 Resp: 734
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 51.4 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.301 ng

RT: 13.185 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BN029376.D

Acq: 24 Jan 2024 11:26

Instrument :

BNA_N

ClientSampleId :

PB158451BL

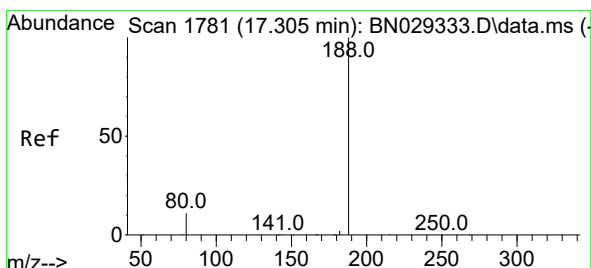
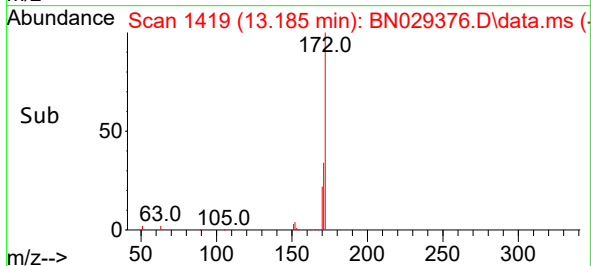
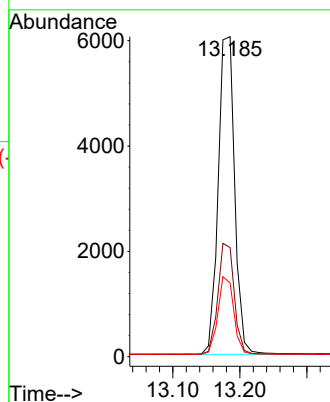
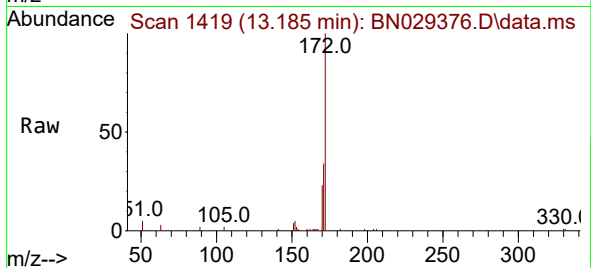
Tgt Ion:172 Resp: 10317

Ion Ratio Lower Upper

172 100

171 34.1 28.2 42.2

170 23.0 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.305 min Scan# 1781

Delta R.T. 0.000 min

Lab File: BN029376.D

Acq: 24 Jan 2024 11:26

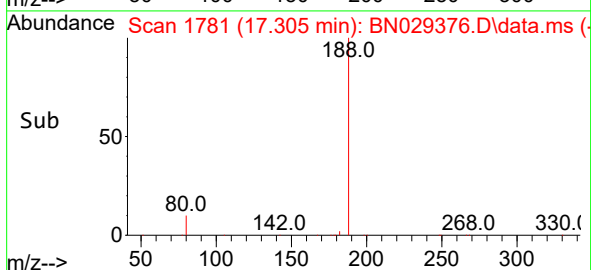
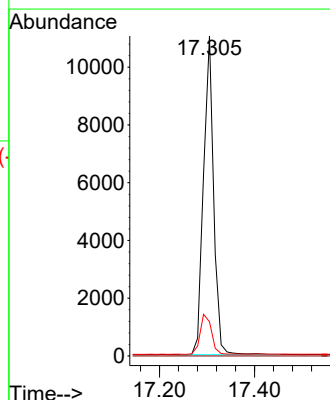
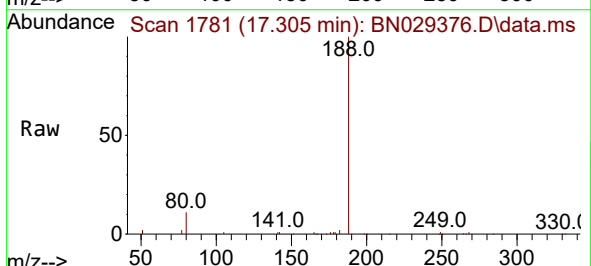
Tgt Ion:188 Resp: 16411

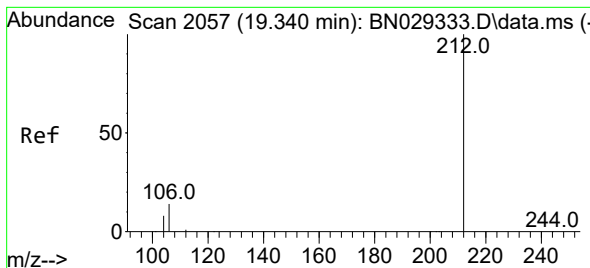
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 9.4 14.2





#27

Fluoranthene-d10

Concen: 0.261 ng

RT: 19.341 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BN029376.D

Acq: 24 Jan 2024 11:26

Instrument :

BNA_N

ClientSampleId :

PB158451BL

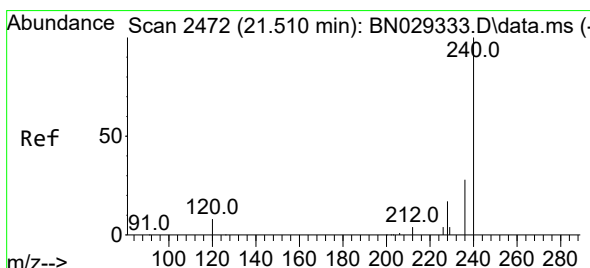
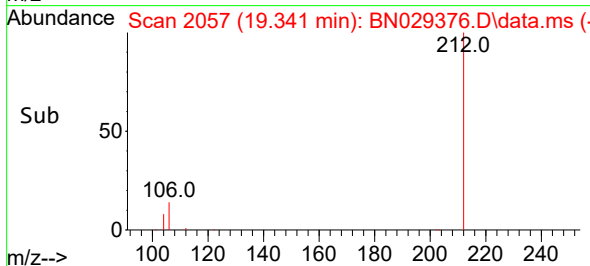
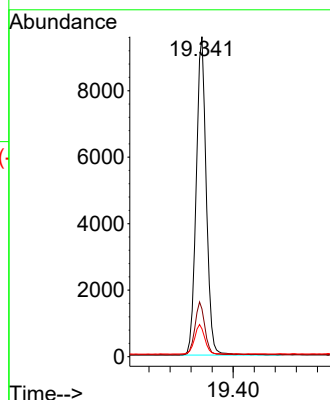
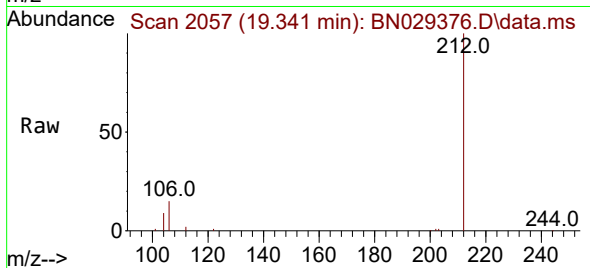
Tgt Ion:212 Resp: 12717

Ion Ratio Lower Upper

212 100

106 16.3 11.4 17.0

104 9.3 6.8 10.2



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.501 min Scan# 2471

Delta R.T. -0.009 min

Lab File: BN029376.D

Acq: 24 Jan 2024 11:26

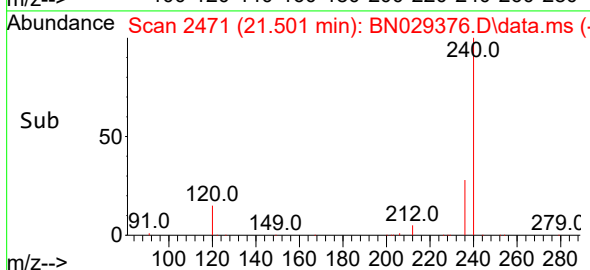
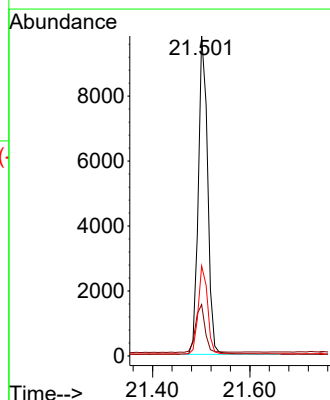
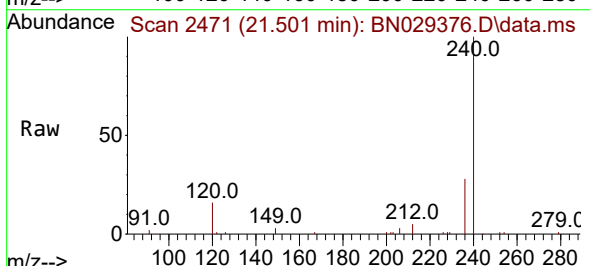
Tgt Ion:240 Resp: 12973

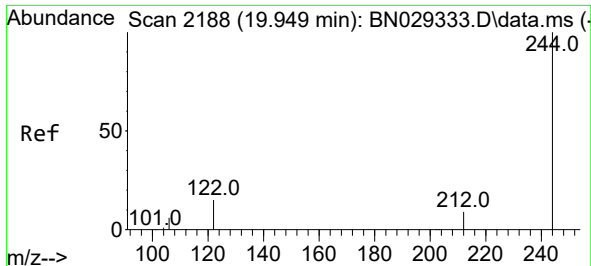
Ion Ratio Lower Upper

240 100

120 16.0 7.8 11.6#

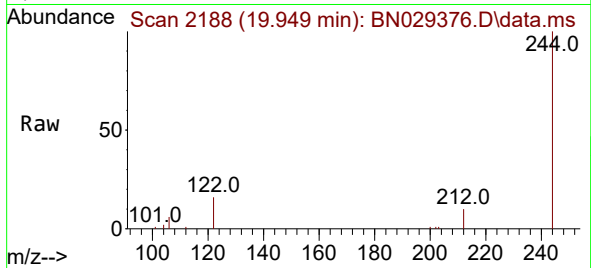
236 28.1 23.0 34.4



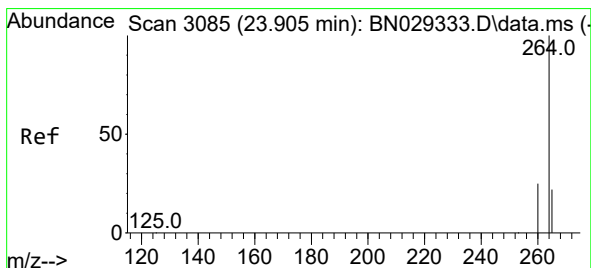
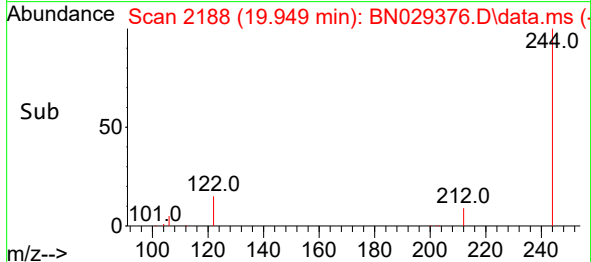
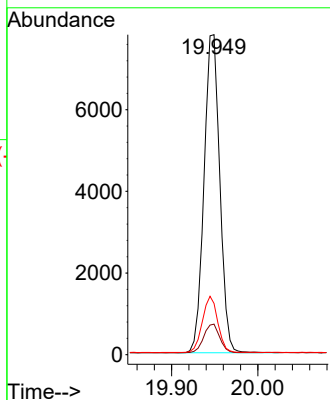


#31
Terphenyl-d14
Concen: 0.298 ng
RT: 19.949 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

Instrument :
BNA_N
ClientSampleId :
PB158451BL



Tgt Ion:244 Resp: 9900
Ion Ratio Lower Upper
244 100
212 9.6 7.6 11.4
122 16.0 12.8 19.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.899 min Scan# 3083
Delta R.T. -0.005 min
Lab File: BN029376.D
Acq: 24 Jan 2024 11:26

Tgt Ion:264 Resp: 13056
Ion Ratio Lower Upper
264 100
260 27.0 20.6 31.0
265 32.2 24.8 37.2

