

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
 Data File : BN025753.D
 Acq On : 06 Jun 2023 14:23
 Operator : CG/JU
 Sample : PB153187BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153187BL

Quant Time: Jun 07 05:27:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 15:34:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7971	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	20108	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	11249	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	21332	0.400	ng	0.01
29) Chrysene-d12	21.578	240	12264	0.400	ng	0.00
35) Perylene-d12	24.075	264	6261	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.556	112	6838	0.305	ng	0.00
5) Phenol-d6	7.181	99	6389	0.232	ng	0.02
8) Nitrobenzene-d5	9.202	82	4976	0.266	ng	0.02
11) 2-Methylnaphthalene-d10	12.423	152	10195	0.352	ng	0.02
14) 2,4,6-Tribromophenol	16.152	330	757	0.218	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	15523	0.326	ng	0.01
27) Fluoranthene-d10	19.421	212	18148	0.414	ng	0.00
31) Terphenyl-d14	20.006	244	13730	0.462	ng	0.00

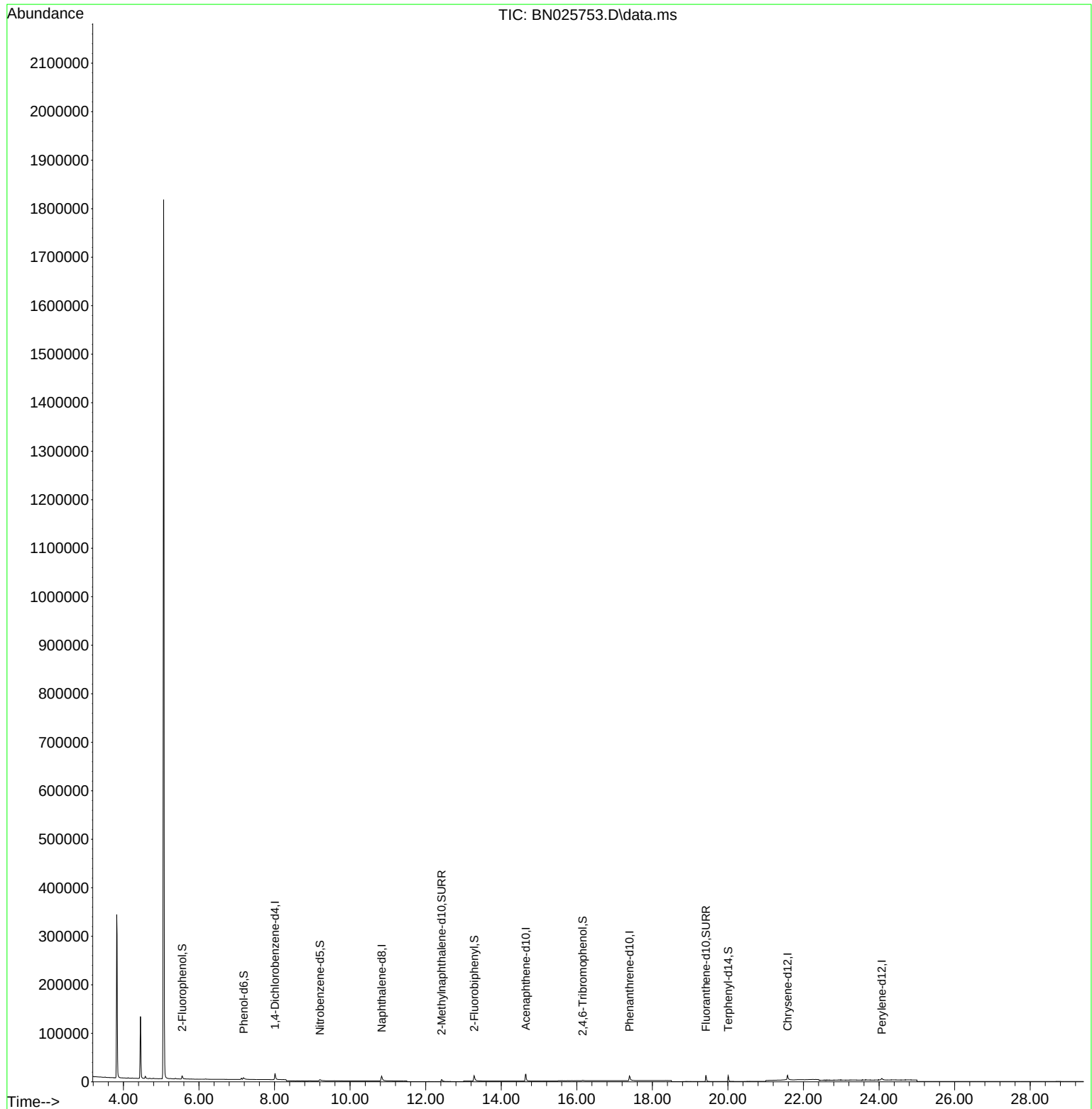
Target Compounds Qvalue

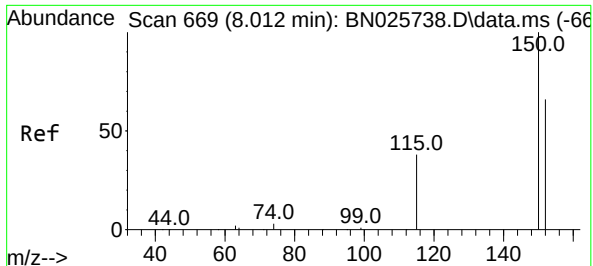
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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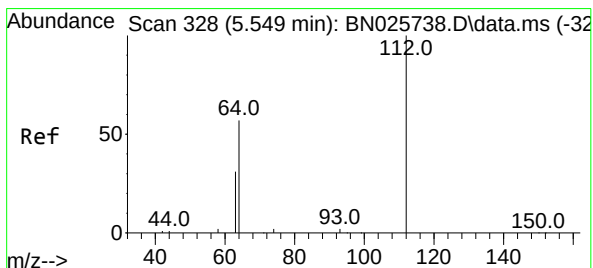
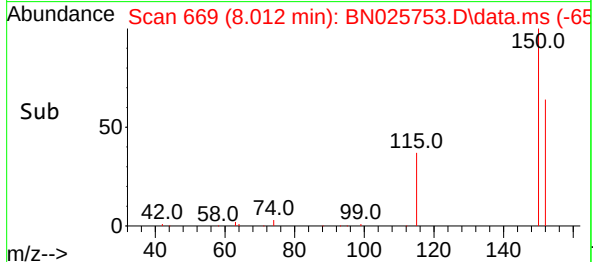
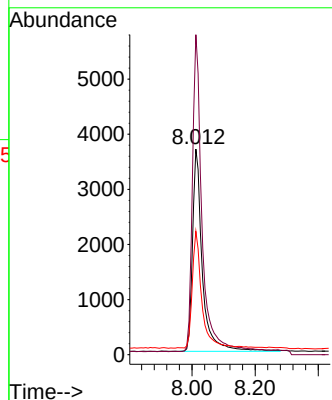
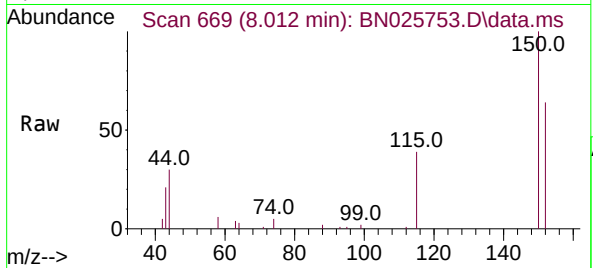




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

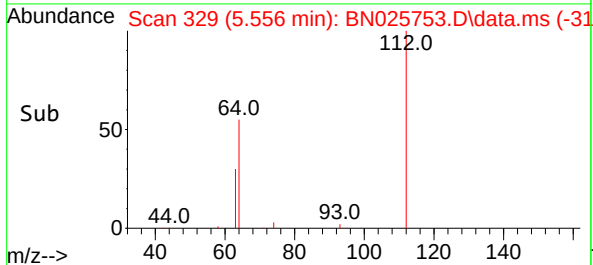
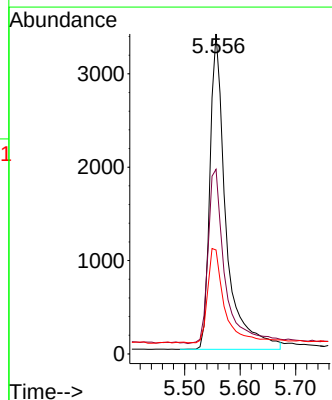
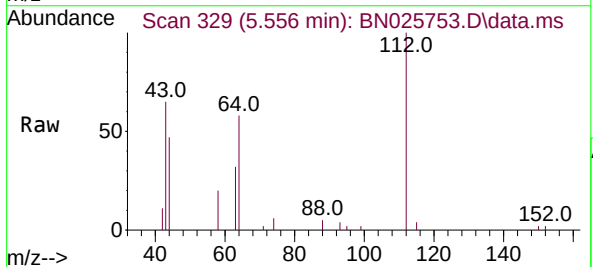
Instrument :
BNA_N
ClientSampleId :
PB153187BL

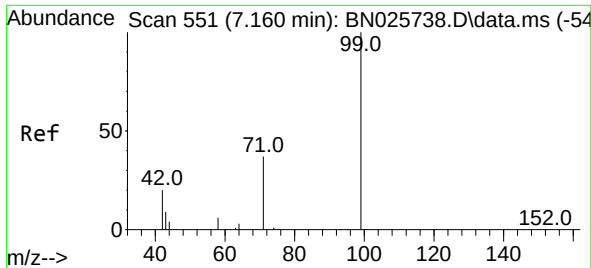
Tgt Ion:152 Resp: 7971
Ion Ratio Lower Upper
152 100
150 155.6 121.5 182.3
115 60.0 47.7 71.5



#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.556 min Scan# 329
Delta R.T. 0.007 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

Tgt Ion:112 Resp: 6838
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 31.2 26.2 39.4

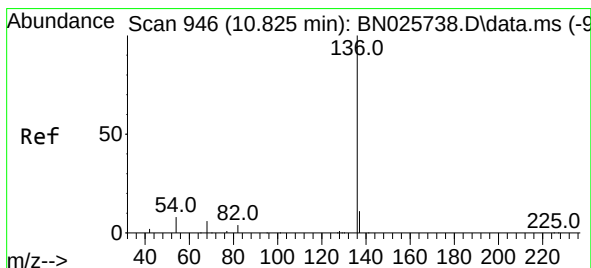
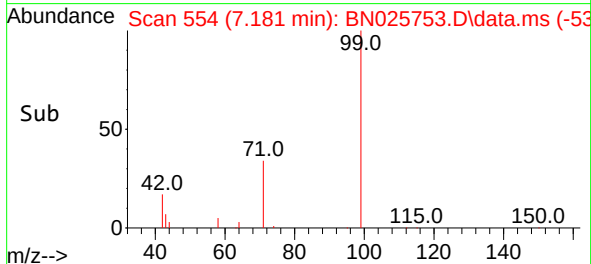
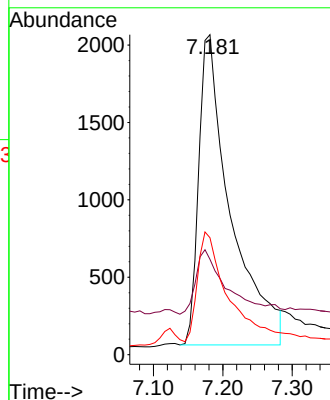
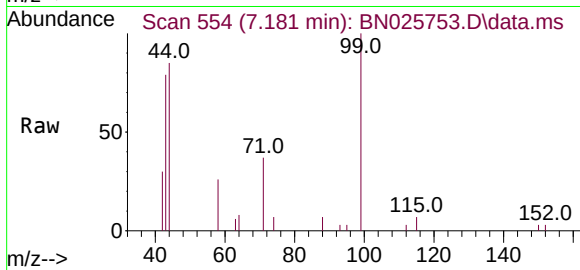




#5
Phenol-d6
Concen: 0.232 ng
RT: 7.181 min Scan# 511
Delta R.T. 0.022 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

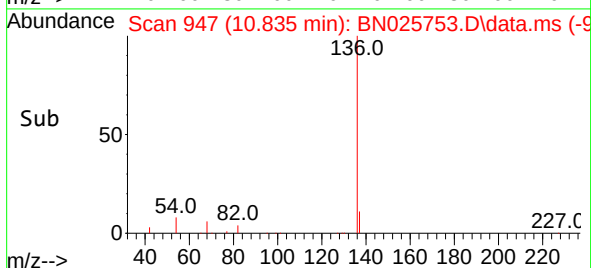
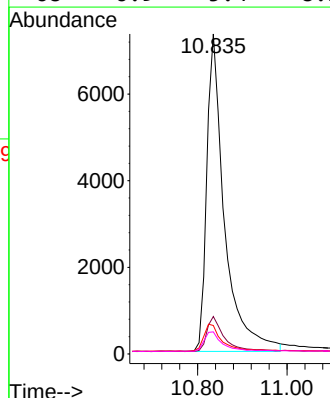
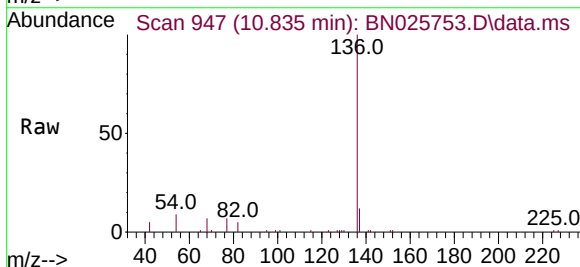
Instrument :
BNA_N
ClientSampleId :
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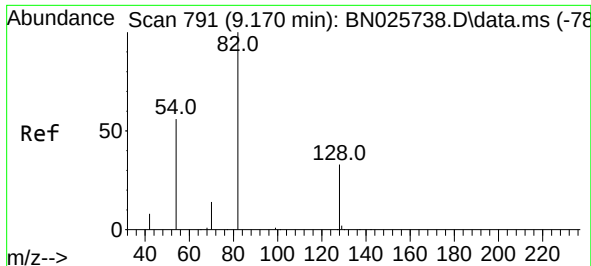
Tgt Ion: 99	Resp: 6389
Ion Ratio	Lower Upper
99 100	
42 20.5	18.6 28.0
71 33.8	30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.011 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

Tgt Ion: 136	Resp: 20108
Ion Ratio	Lower Upper
136 100	
137 11.7	9.3 13.9
54 8.9	7.2 10.8
68 6.9	5.4 8.2

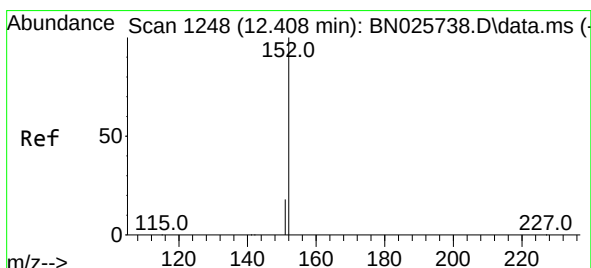
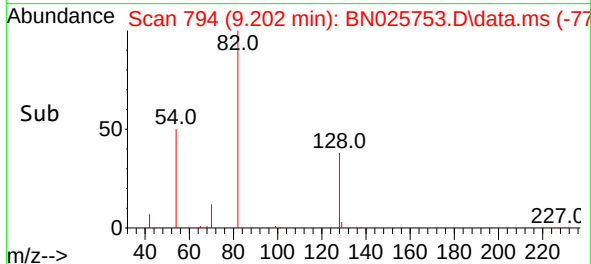
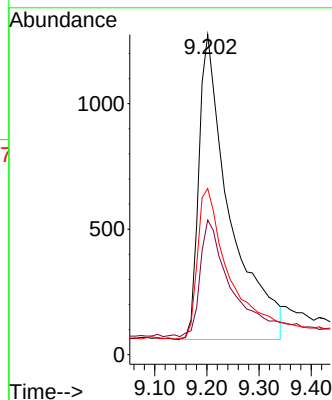
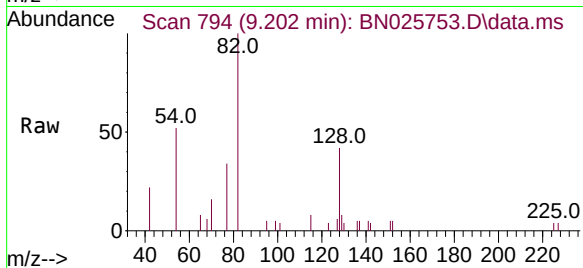




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.021 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

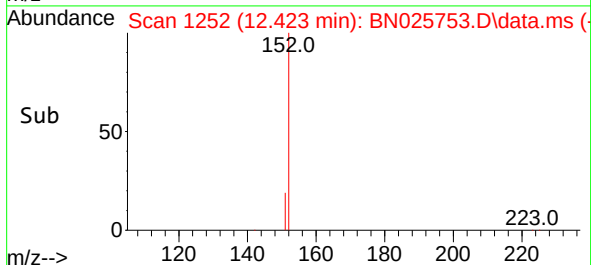
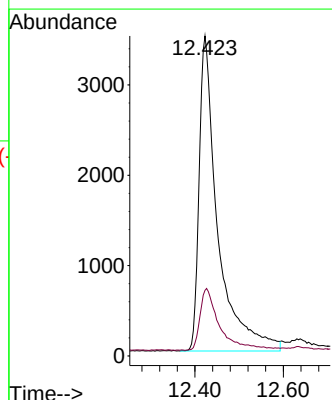
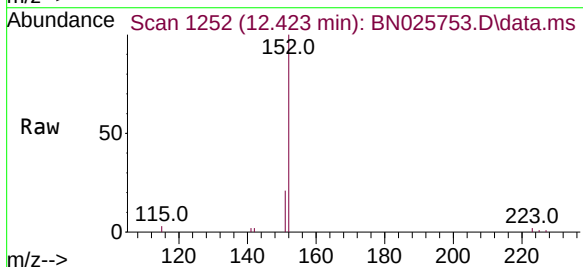
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BNA_N
ClientSampleId :
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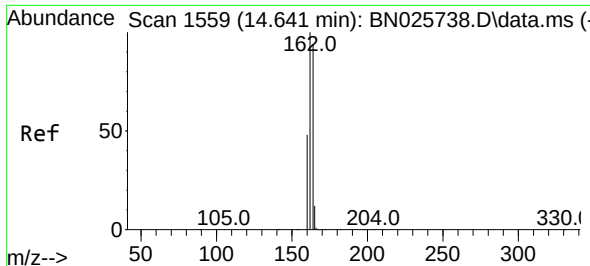
Tgt Ion: 82 Resp: 4976
Ion Ratio Lower Upper
82 100
128 42.1 27.6 41.4#
54 51.9 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.423 min Scan# 1252
Delta R.T. 0.015 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

Tgt Ion: 152 Resp: 10195
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6

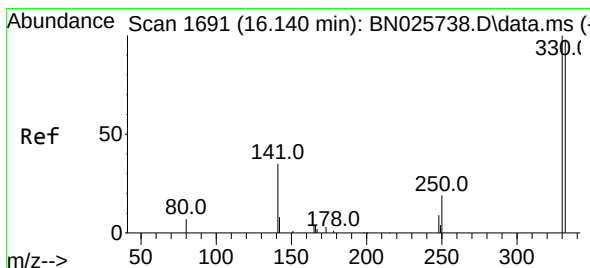
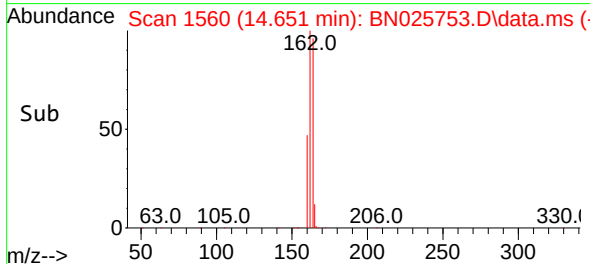
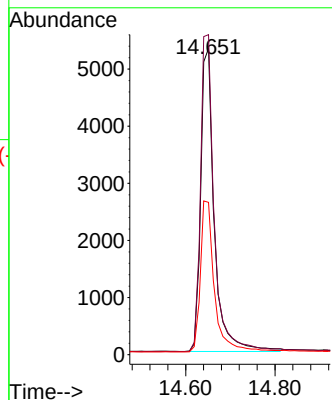
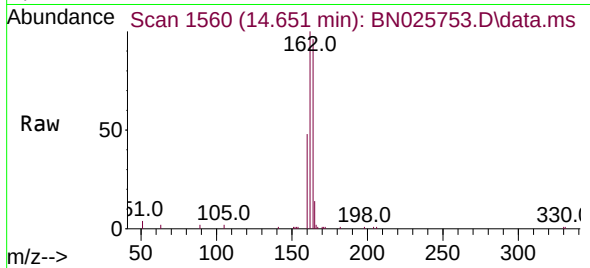




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.011 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

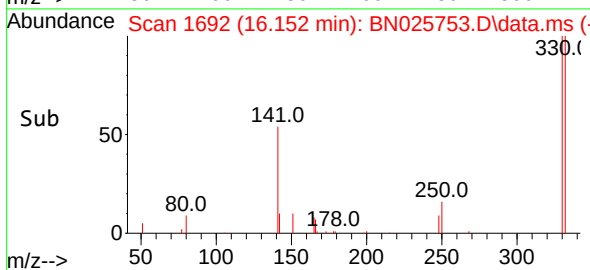
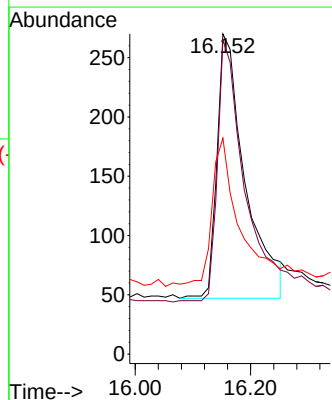
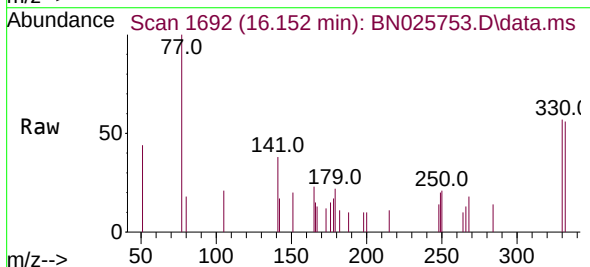
Instrument :
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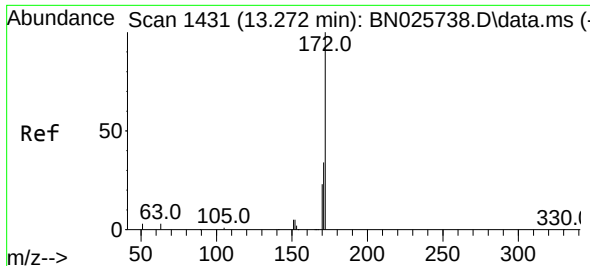
Tgt Ion:164 Resp: 11249
Ion Ratio Lower Upper
164 100
162 104.5 85.0 127.6
160 49.7 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.012 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

Tgt Ion:330 Resp: 757
Ion Ratio Lower Upper
330 100
332 94.2 77.3 115.9
141 52.6 55.0 82.6#

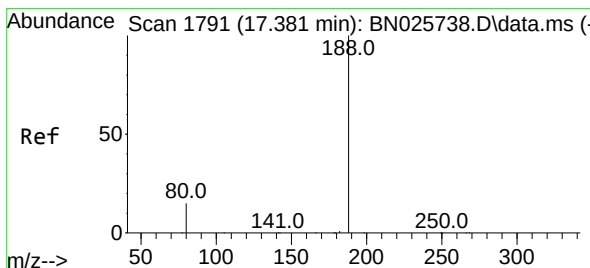
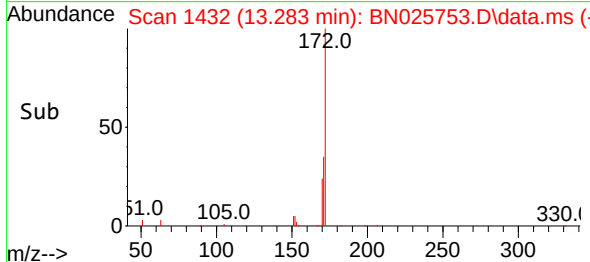
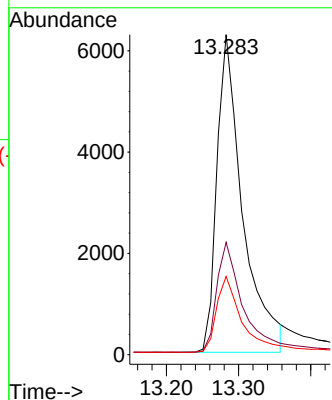
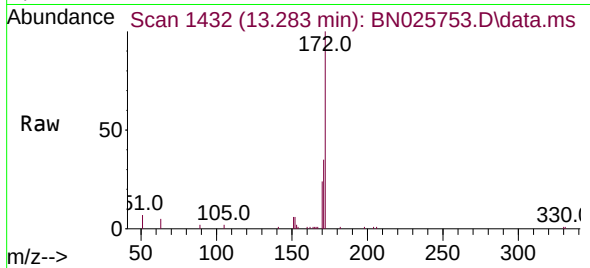




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.283 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

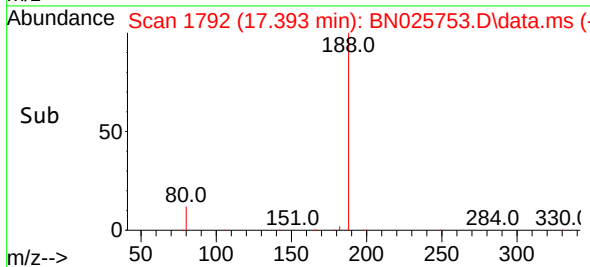
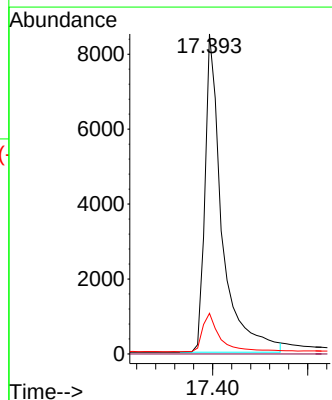
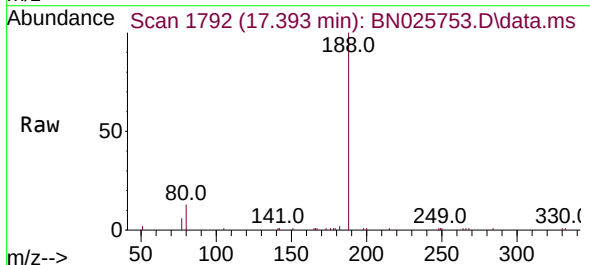
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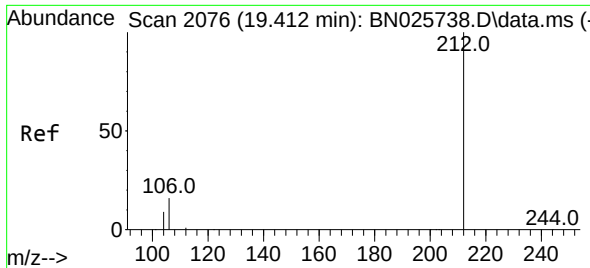
Tgt Ion:172 Resp: 15523
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 24.4 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.012 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

Tgt Ion:188 Resp: 21332
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 12.1 18.1

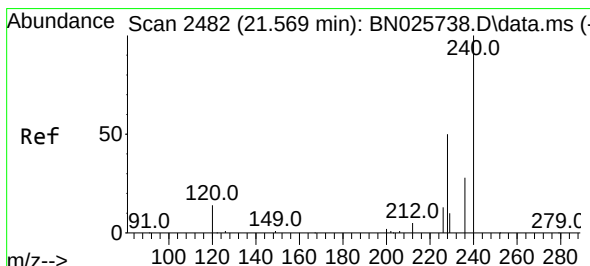
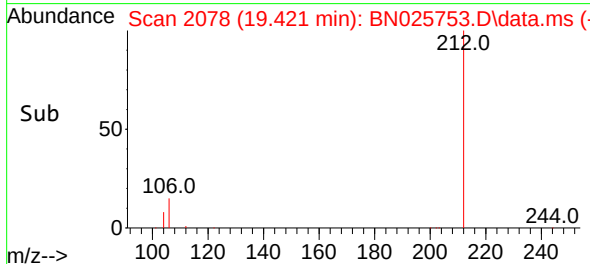
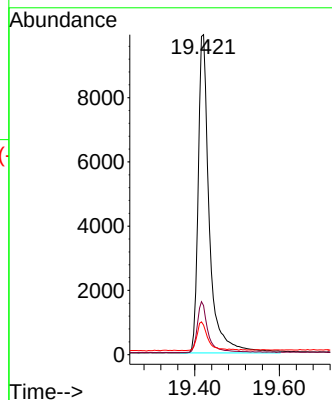
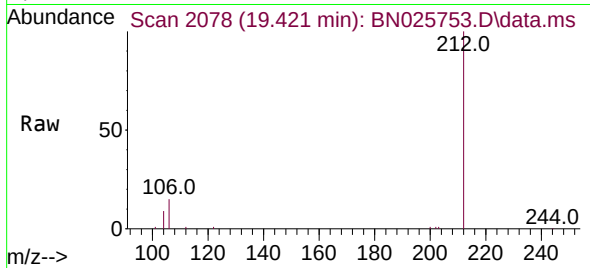




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.421 min Scan# 2076
Delta R.T. 0.009 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

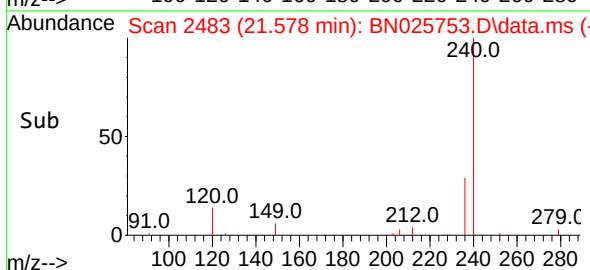
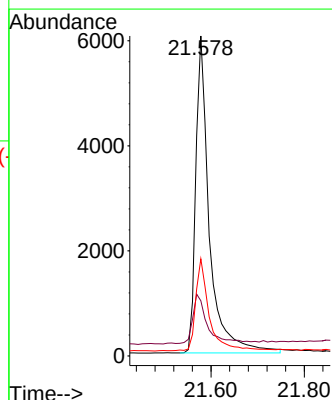
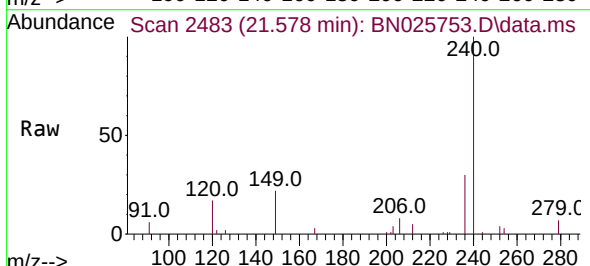
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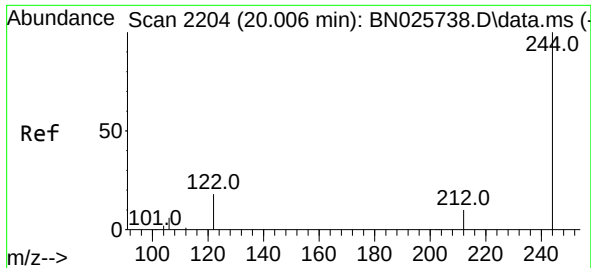
Tgt Ion:212 Resp: 18148
Ion Ratio Lower Upper
212 100
106 15.3 13.0 19.6
104 8.5 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.009 min
Lab File: BN025753.D
Acq: 06 Jun 2023 14:23

Tgt Ion:240 Resp: 12264
Ion Ratio Lower Upper
240 100
120 17.3 13.2 19.8
236 30.4 23.1 34.7

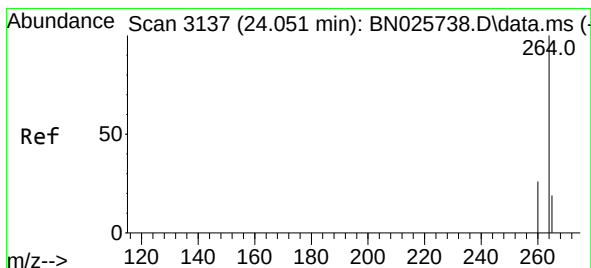
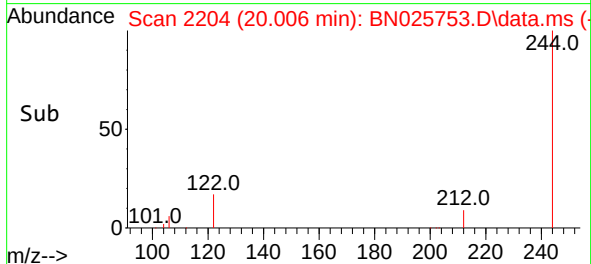
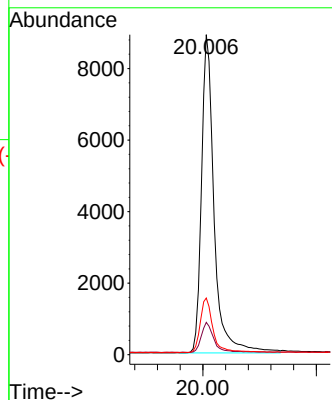
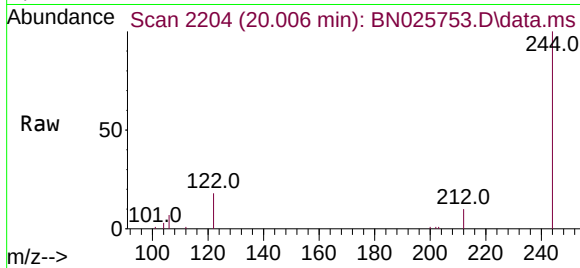




#31
 Terphenyl-d14
 Concen: 0.462 ng
 RT: 20.006 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN025753.D
 Acq: 06 Jun 2023 14:23

Instrument :
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 PB153187BL

Tgt Ion:244 Resp: 13730
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.6 12.8
 122 17.7 15.2 22.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.075 min Scan# 3145
 Delta R.T. 0.015 min
 Lab File: BN025753.D
 Acq: 06 Jun 2023 14:23

Tgt Ion:264 Resp: 6261
 Ion Ratio Lower Upper
 264 100
 260 28.7 21.4 32.2
 265 107.3 44.7 67.1#

