

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN029994.D
 Acq On : 24 Feb 2024 16:07
 Operator : MA/JU
 Sample : PB159109BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159109BL

Quant Time: Feb 26 02:43:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3976	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9687	0.400	ng	0.01
13) Acenaphthene-d10	14.500	164	4298	0.400	ng	0.01
19) Phenanthrene-d10	17.280	188	7902	0.400	ng	0.02
29) Chrysene-d12	21.465	240	5677	0.400	ng	0.00
35) Perylene-d12	23.835	264	5531	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4224	0.442	ng	0.00
5) Phenol-d6	7.031	99	4177	0.379	ng	0.00
8) Nitrobenzene-d5	9.025	82	3536	0.438	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	4948	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	495	0.359	ng	0.02
15) 2-Fluorobiphenyl	13.132	172	7039	0.381	ng	0.01
27) Fluoranthene-d10	19.299	212	8211	0.429	ng	0.00
31) Terphenyl-d14	19.907	244	6462	0.459	ng	0.00

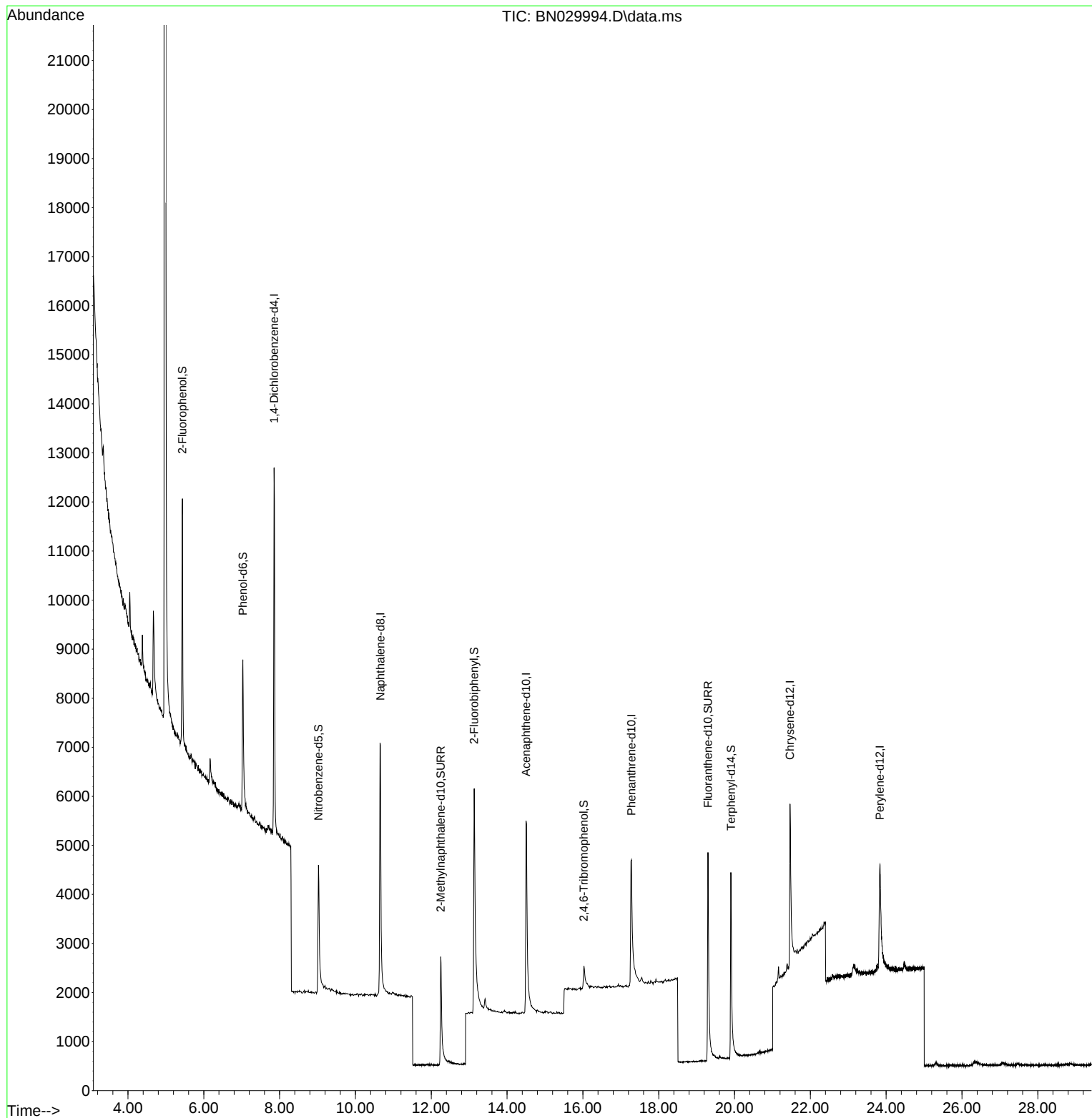
Target Compounds Qvalue

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

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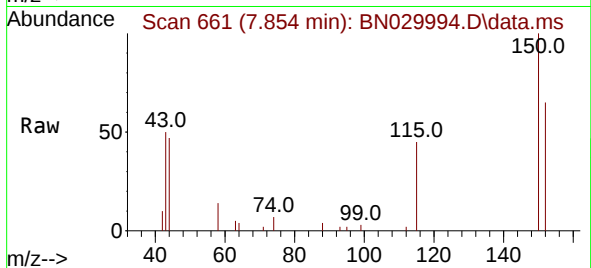
Quant Time: Feb 26 02:43:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
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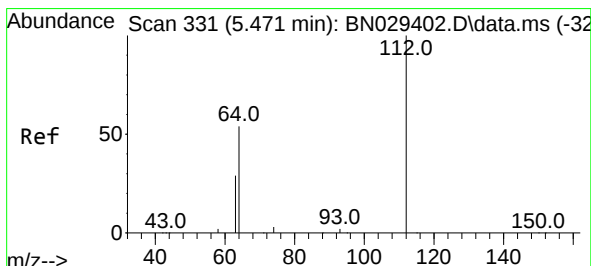
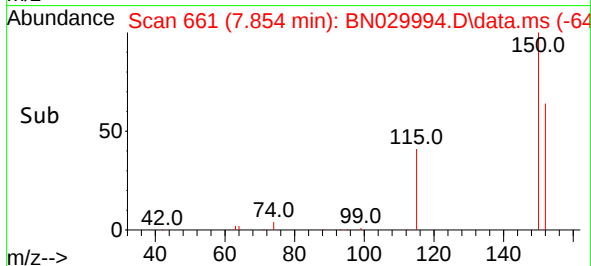
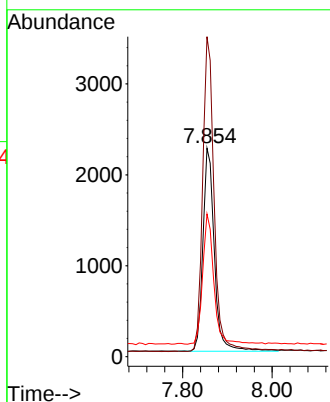
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: BN029994.D
 Acq: 24 Feb 2024 16:07

Instrument :
 BNA_N
 ClientSampleId :
 PB159109BL



Tgt Ion:152 Resp: 3976

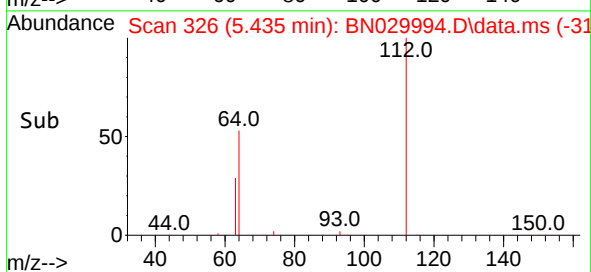
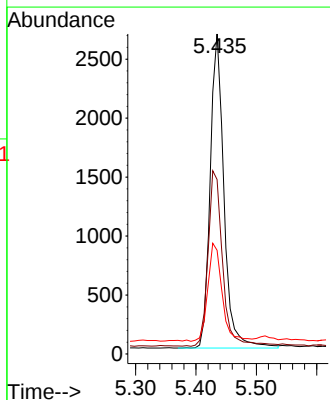
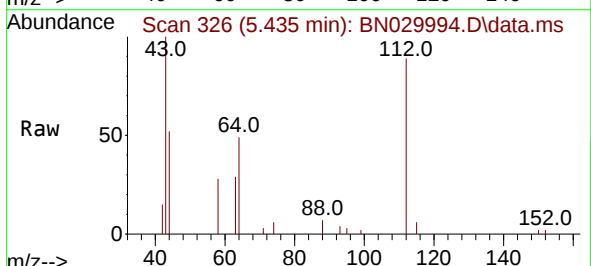
Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.0	184.4
115	68.5	51.4	77.0



#4
 2-Fluorophenol
 Concen: 0.442 ng
 RT: 5.435 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN029994.D
 Acq: 24 Feb 2024 16:07

Tgt Ion:112 Resp: 4224

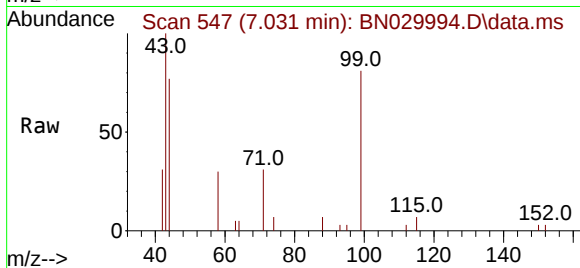
Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.2	70.8
63	32.4	25.8	38.6



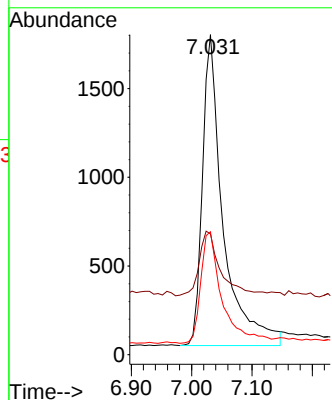
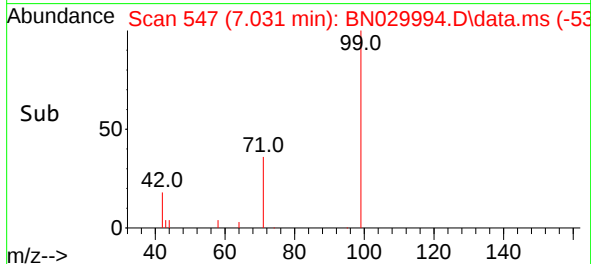


#5
Phenol-d6
Concen: 0.379 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

Instrument :
BNA_N
ClientSampleId :
PB159109BL

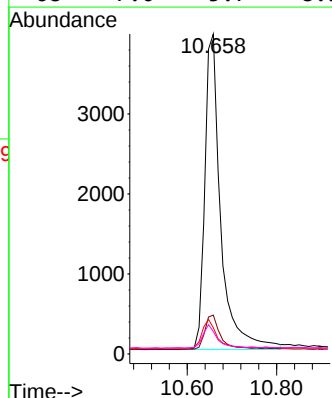
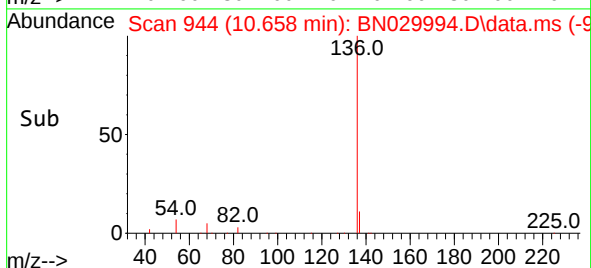
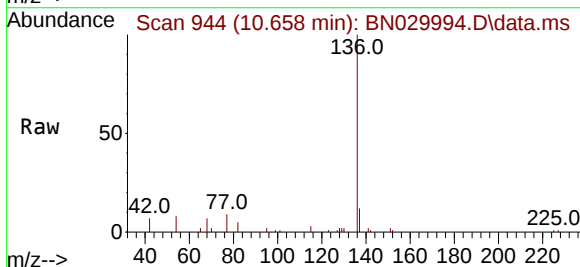


Tgt Ion:	99	Resp:	4177
Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.9	25.3
71	37.1	30.0	45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

Tgt Ion:	136	Resp:	9687
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	8.2	6.6	10.0
68	7.0	5.7	8.5

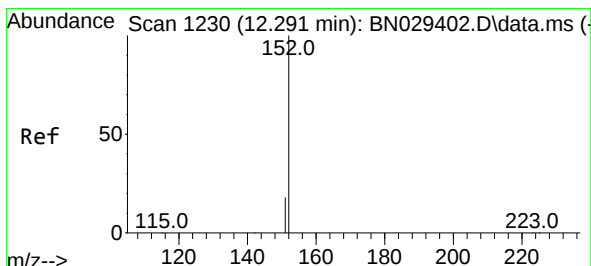
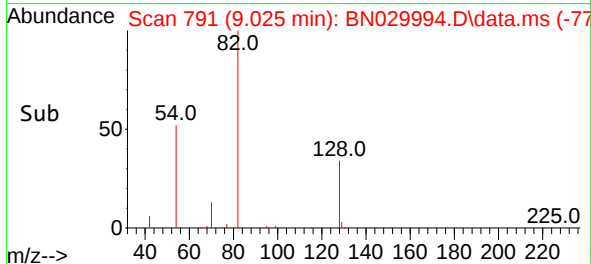
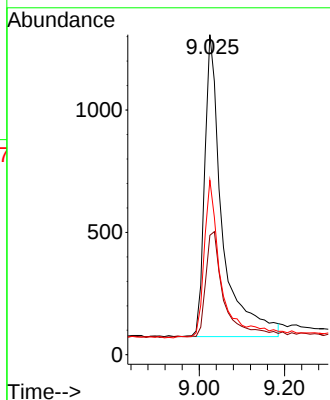
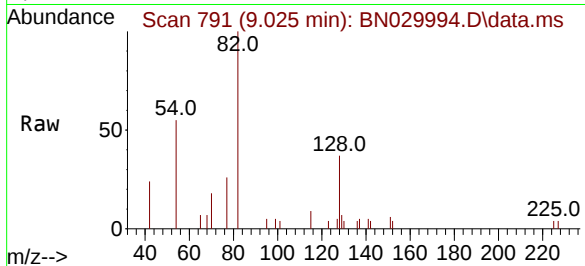




#8
Nitrobenzene-d5
Concen: 0.438 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

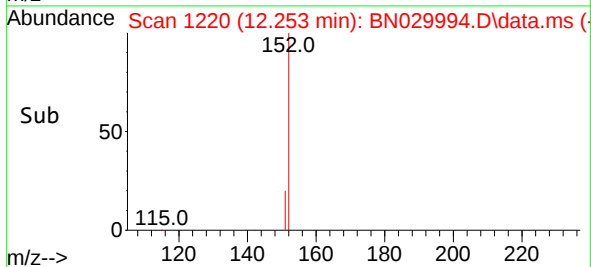
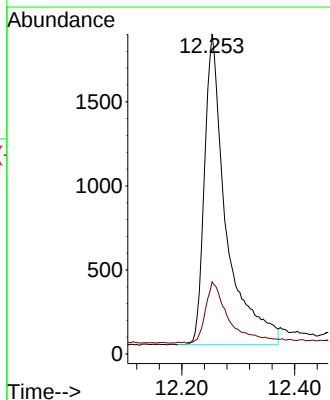
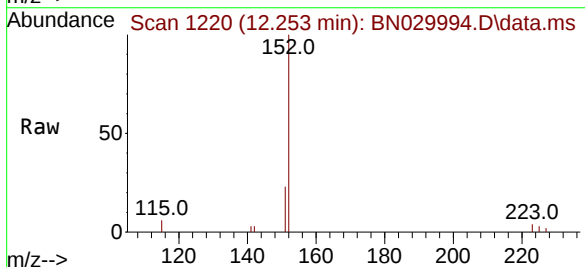
Instrument :
BNA_N
ClientSampleId :
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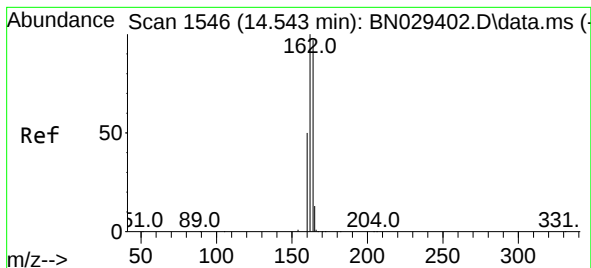
Tgt Ion: 82 Resp: 3536
Ion Ratio Lower Upper
82 100
128 37.3 31.6 47.4
54 54.5 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.008 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

Tgt Ion: 152 Resp: 4948
Ion Ratio Lower Upper
152 100
151 21.4 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN029994.D

Acq: 24 Feb 2024 16:07

Instrument :

BNA_N

ClientSampleId :

PB159109BL

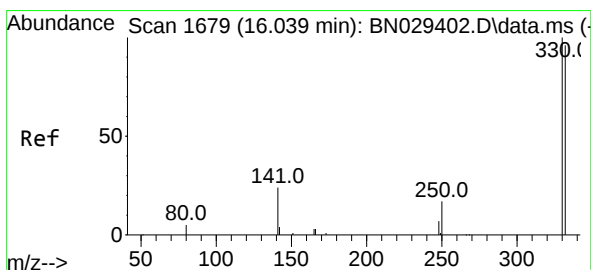
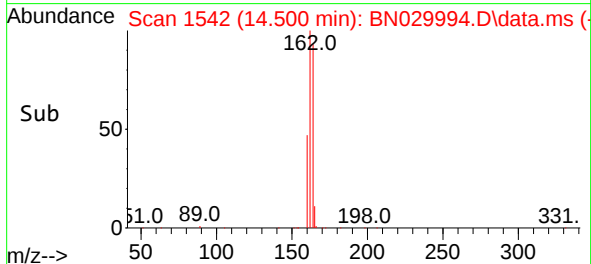
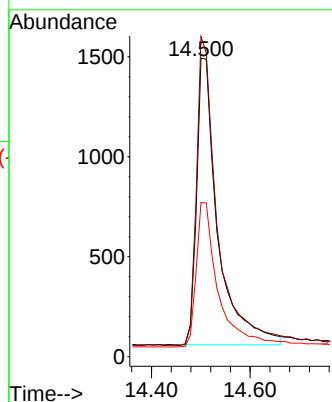
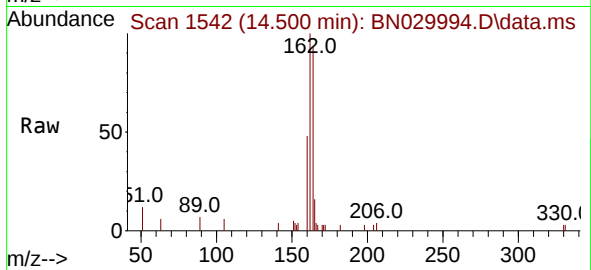
Tgt Ion:164 Resp: 4298

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

160 51.6 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.359 ng

RT: 16.027 min Scan# 1678

Delta R.T. 0.025 min

Lab File: BN029994.D

Acq: 24 Feb 2024 16:07

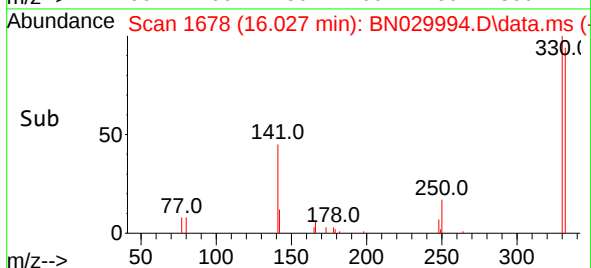
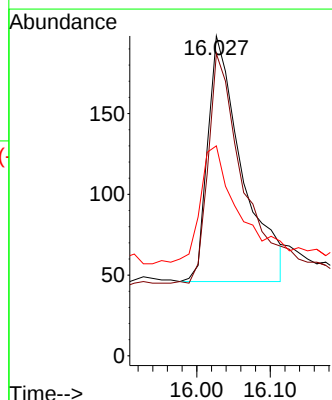
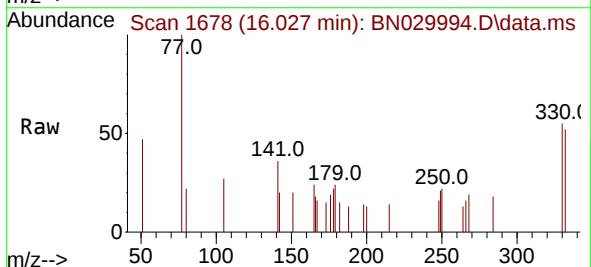
Tgt Ion:330 Resp: 495

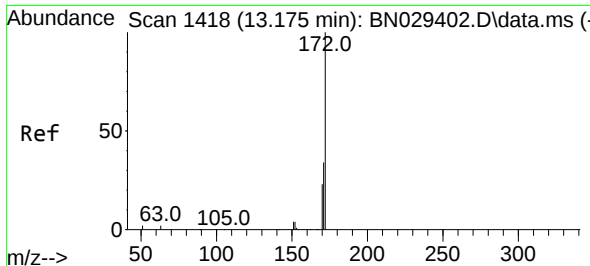
Ion Ratio Lower Upper

330 100

332 93.3 76.0 114.0

141 54.5 43.4 65.2

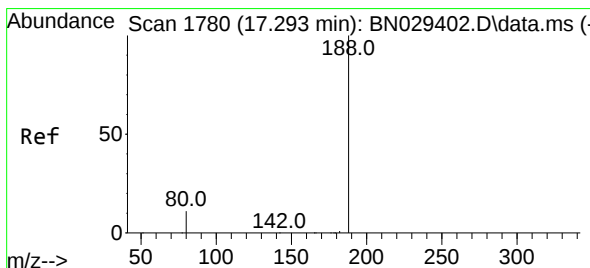
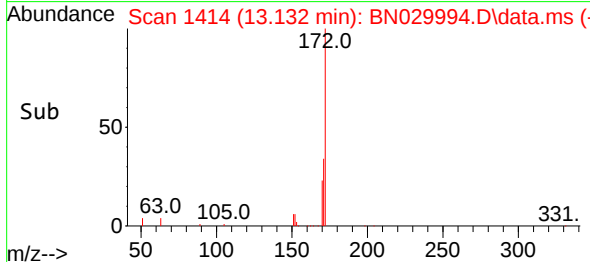
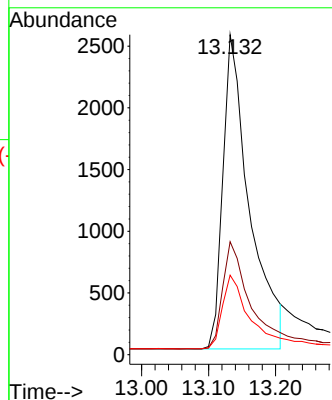
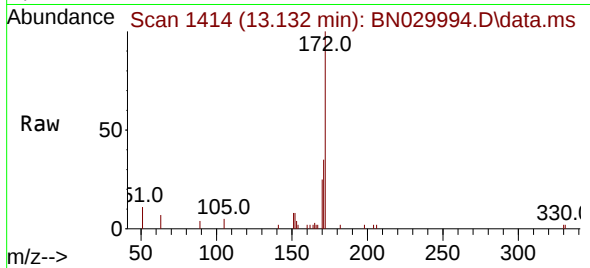




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

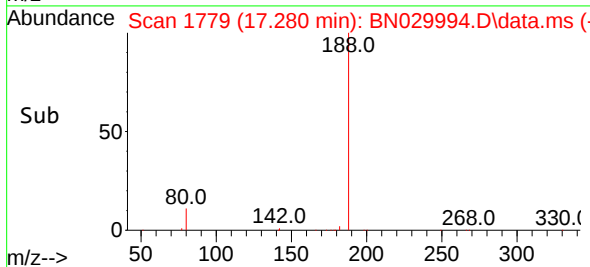
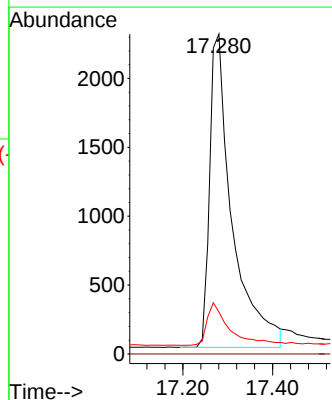
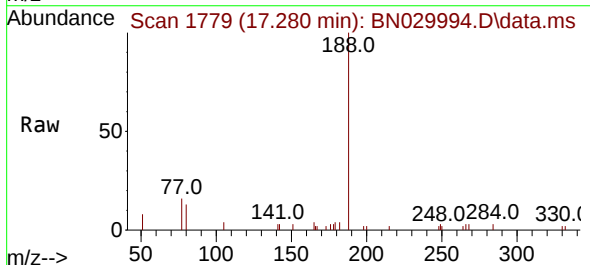
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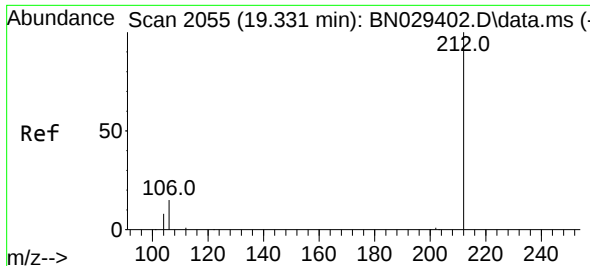
Tgt Ion:172 Resp: 7039
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1779
Delta R.T. 0.025 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

Tgt Ion:188 Resp: 7902
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 10.0 15.0

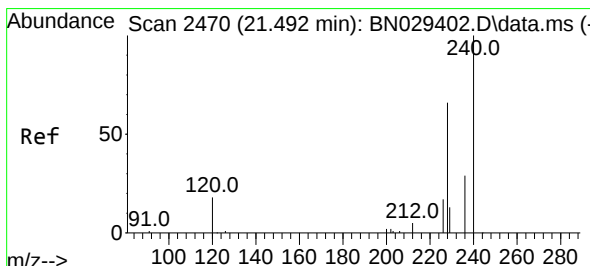
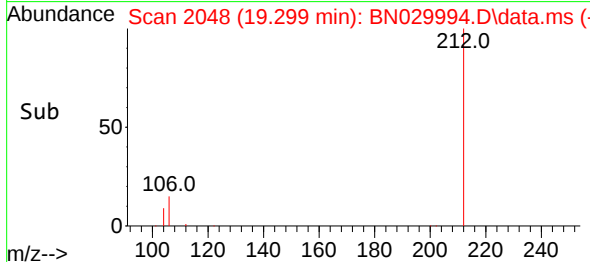
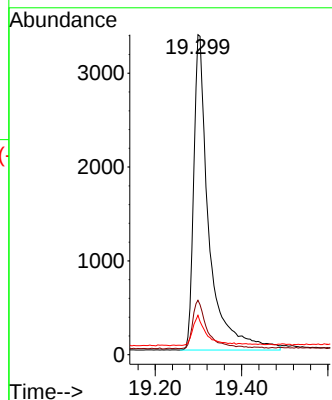
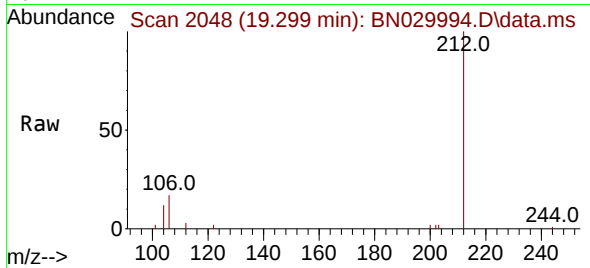




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.299 min Scan# 2055
Delta R.T. 0.009 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

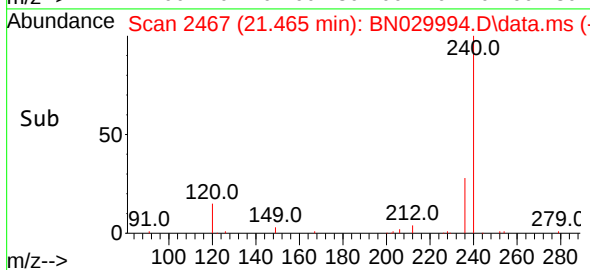
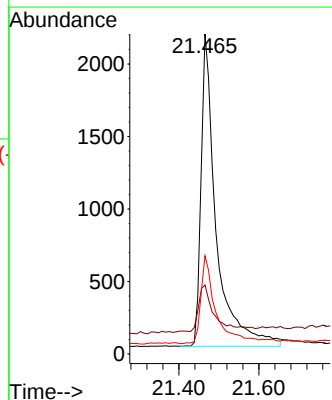
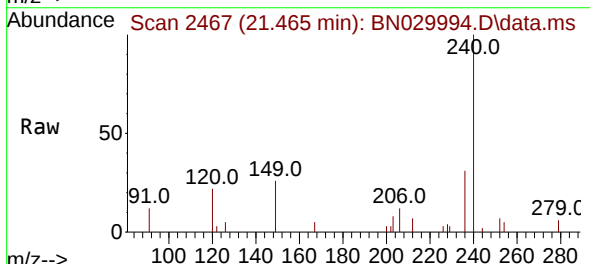
Instrument :
BNA_N
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PB159109BL

Tgt Ion:212 Resp: 8211
Ion Ratio Lower Upper
212 100
106 14.4 13.2 19.8
104 8.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN029994.D
Acq: 24 Feb 2024 16:07

Tgt Ion:240 Resp: 5677
Ion Ratio Lower Upper
240 100
120 21.6 16.7 25.1
236 30.7 23.9 35.9

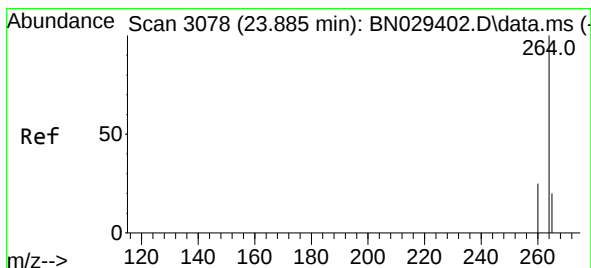
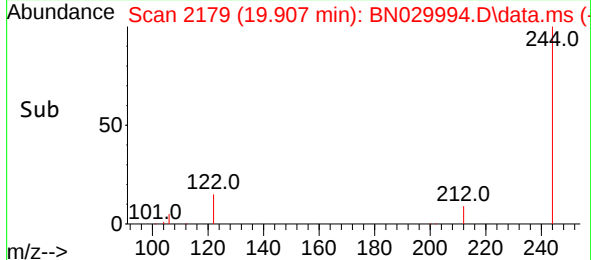
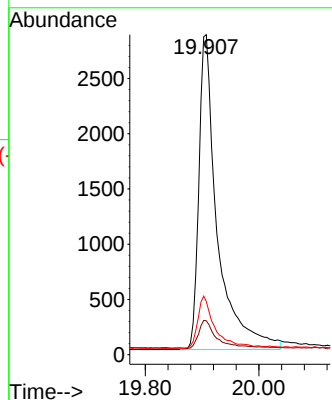
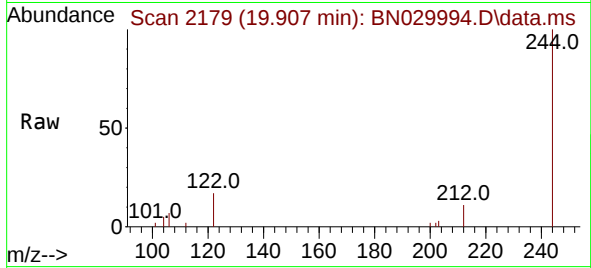




#31
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.907 min Scan# 2185
 Delta R.T. 0.009 min
 Lab File: BN029994.D
 Acq: 24 Feb 2024 16:07

Instrument :
 BNA_N
 ClientSampleId :
 PB159109BL

Tgt Ion:244 Resp: 6462
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.2 12.4
 122 16.6 15.6 23.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.835 min Scan# 3061
 Delta R.T. 0.015 min
 Lab File: BN029994.D
 Acq: 24 Feb 2024 16:07

Tgt Ion:264 Resp: 5531
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 104.2 41.5 62.3#

