

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034102.D
 Acq On : 21 Sep 2024 00:51
 Operator : JU/RC
 Sample : P4003-10
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20240912

Quant Time: Sep 21 01:21:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

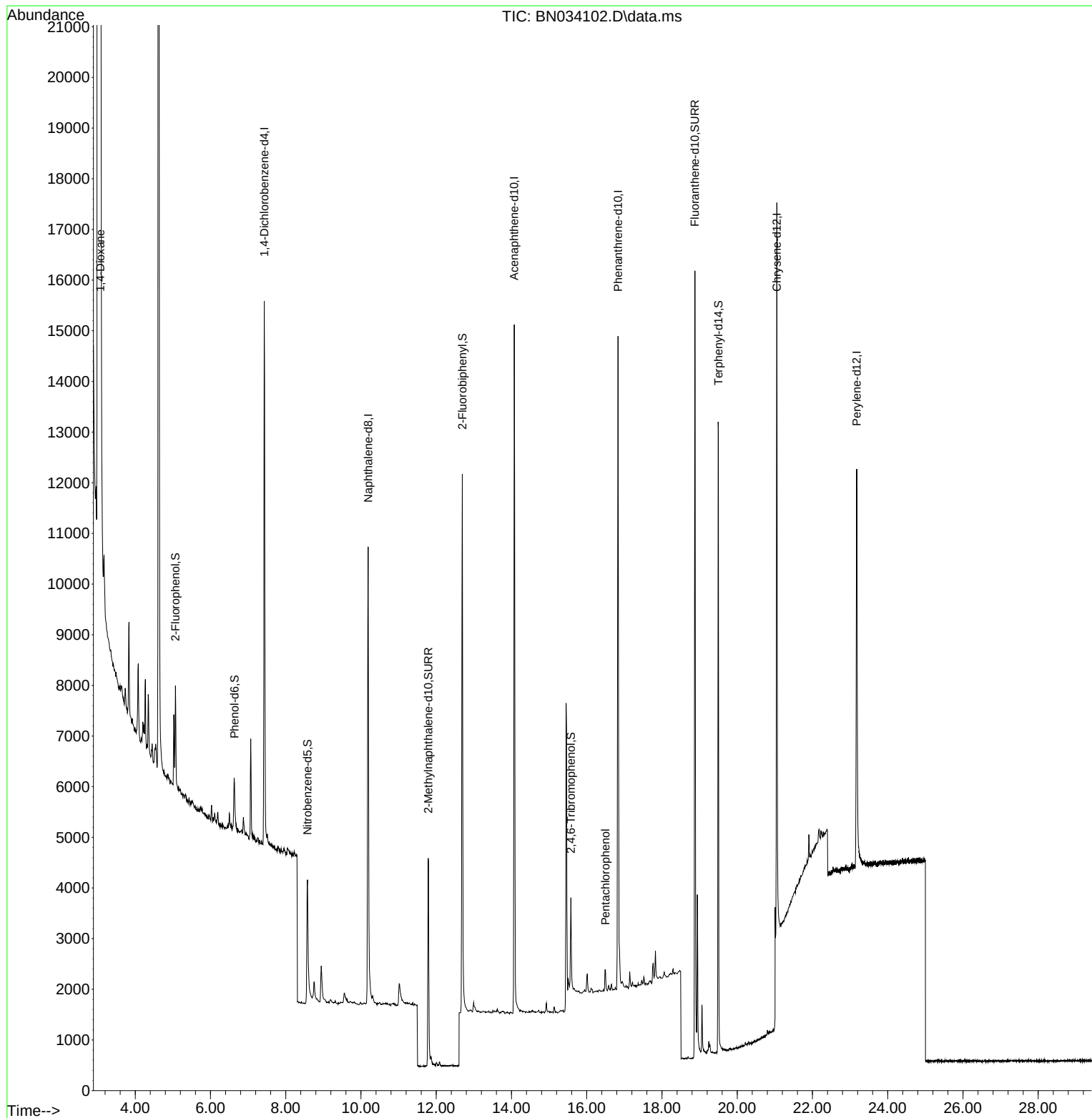
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4746	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13169	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	7922	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17737	0.400	ng	0.00
29) Chrysene-d12	21.053	240	13316	0.400	ng	0.00
35) Perylene-d12	23.174	264	11217	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1502	0.112	ng	0.00
5) Phenol-d6	6.636	99	1195	0.076	ng	0.00
8) Nitrobenzene-d5	8.578	82	2882	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	6183	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1003	0.279	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	10176	0.316	ng	0.00
27) Fluoranthene-d10	18.876	212	17922	0.400	ng	-0.01
31) Terphenyl-d14	19.498	244	11718	0.441	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	45067	7.595	ng	Qvalue # 88
24) Pentachlorophenol	16.498	266	270	0.073	ng	97

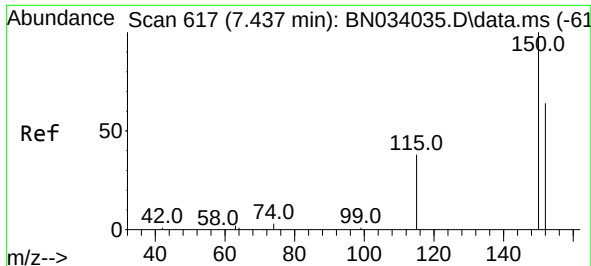
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
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RE120D3-20240912

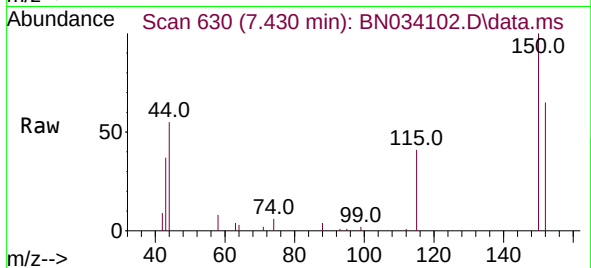
Quant Time: Sep 21 01:21:46 2024
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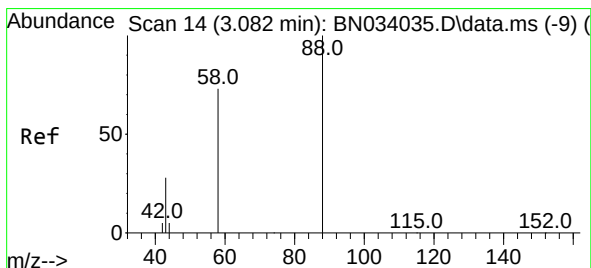
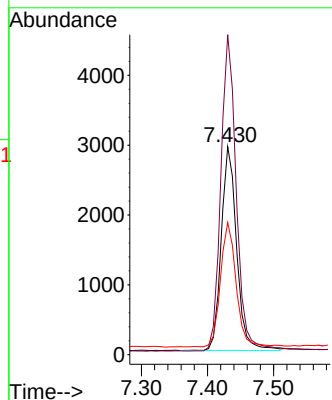
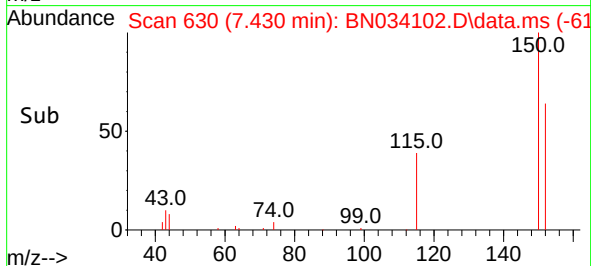


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

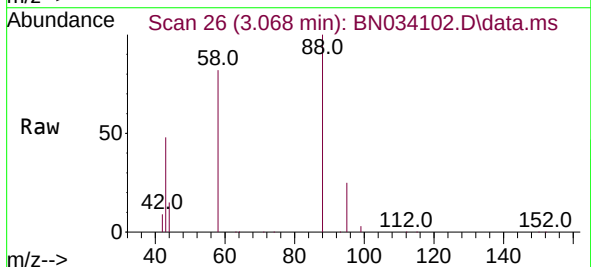
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912



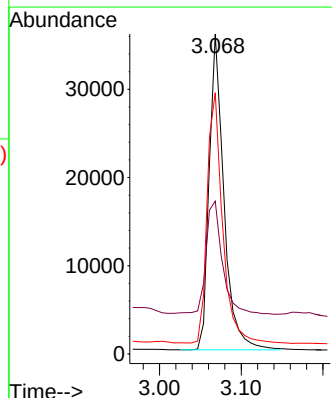
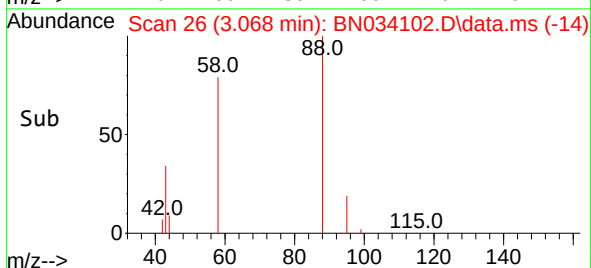
Tgt Ion:152 Resp: 4746
Ion Ratio Lower Upper
152 100
150 153.8 124.6 187.0
115 63.5 50.0 75.0

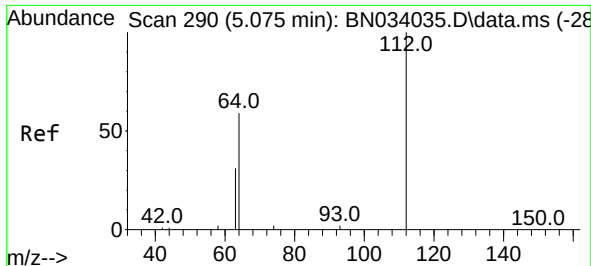


#2
1,4-Dioxane
Concen: 7.595 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51



Tgt Ion: 88 Resp: 45067
Ion Ratio Lower Upper
88 100
43 40.0 25.8 38.8
58 82.5 58.8 88.2





#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.069 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN034102.D

Acq: 21 Sep 2024 00:51

Instrument :

BNA_N

ClientSampleId :

RE120D3-20240912

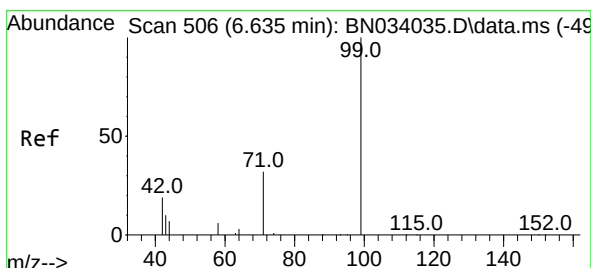
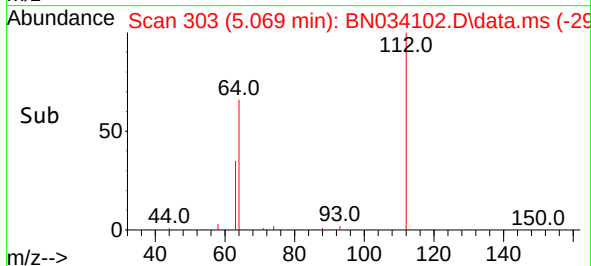
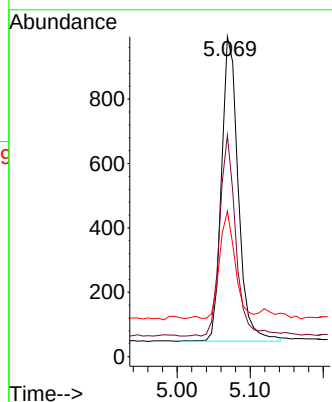
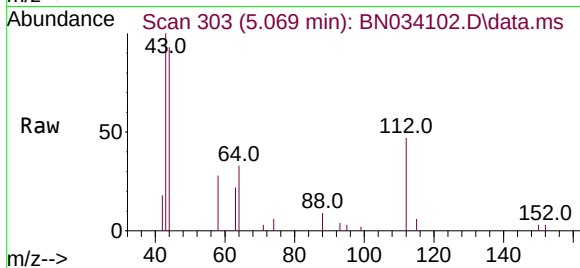
Tgt Ion:112 Resp: 1502

Ion Ratio Lower Upper

112 100

64 63.6 48.6 72.8

63 32.4 25.6 38.4



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.636 min Scan# 520

Delta R.T. 0.001 min

Lab File: BN034102.D

Acq: 21 Sep 2024 00:51

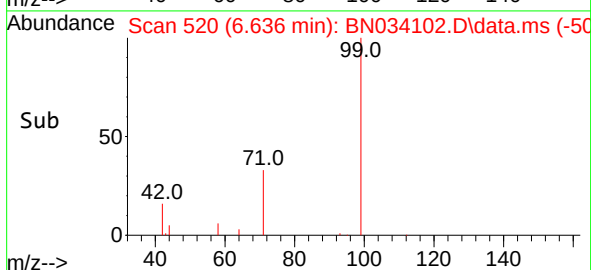
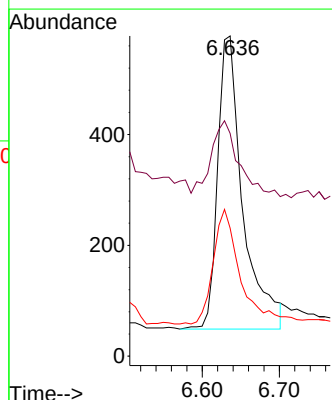
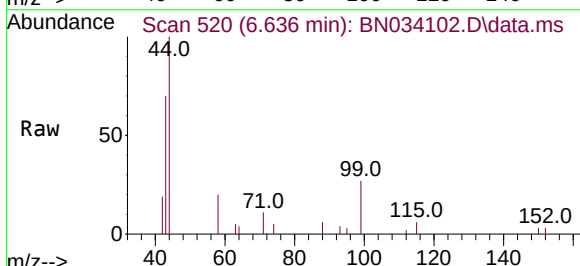
Tgt Ion: 99 Resp: 1195

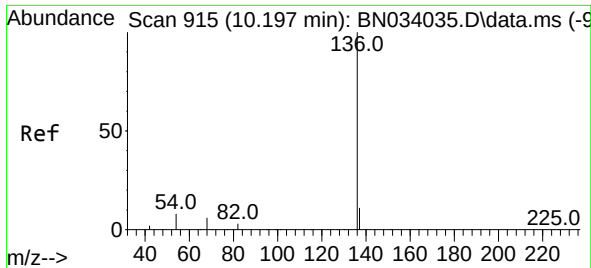
Ion Ratio Lower Upper

99 100

42 28.8 17.8 26.8#

71 41.3 26.2 39.2#

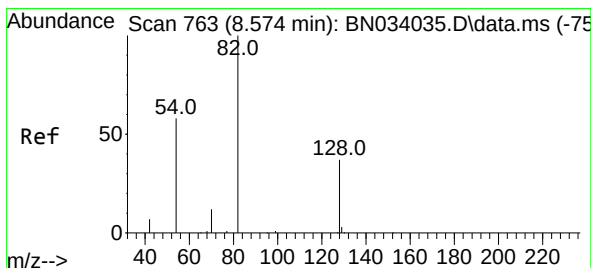
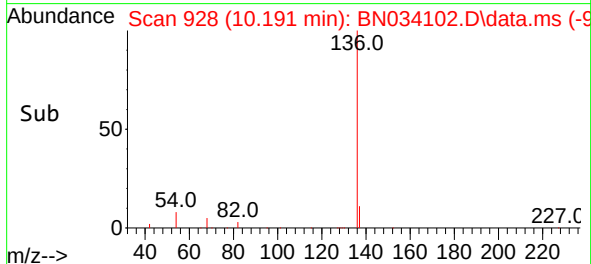
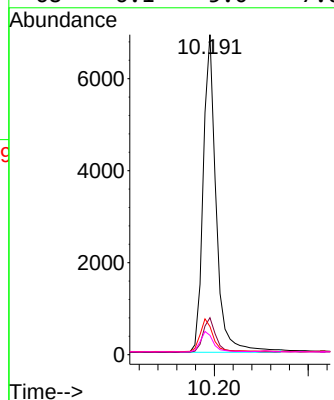
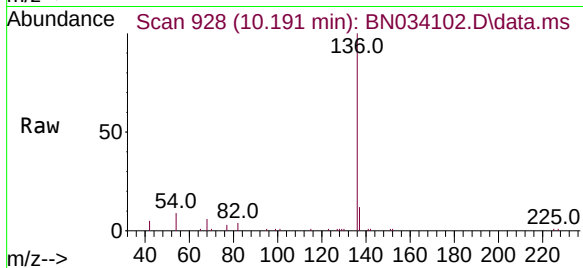




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

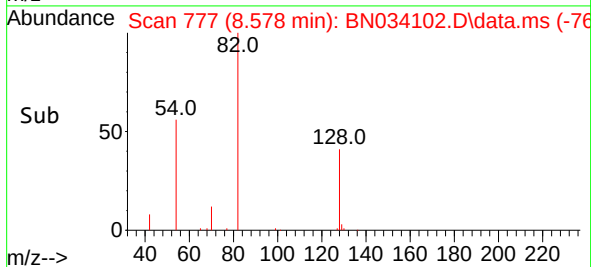
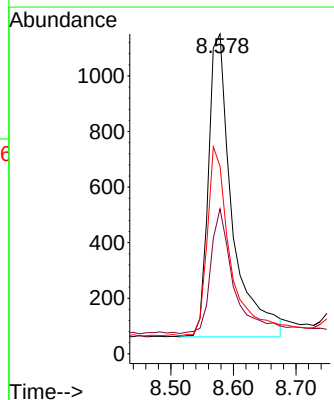
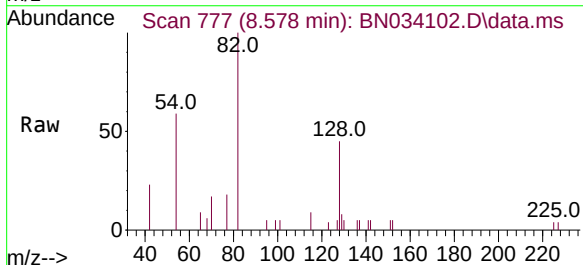
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912

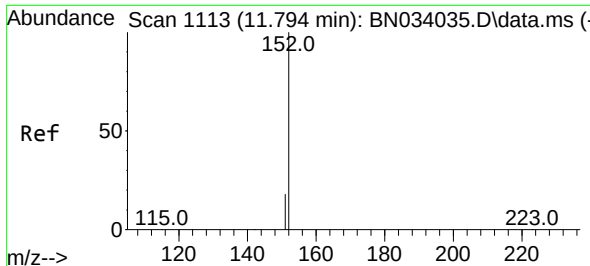
Tgt Ion:136	Resp:	13169
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	8.8	6.8 10.2
68	6.1	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

Tgt Ion: 82	Resp:	2882
Ion Ratio	Lower	Upper
82	100	
128	45.4	31.4 47.2
54	58.6	47.4 71.0

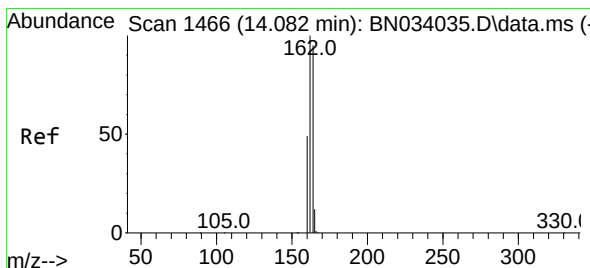
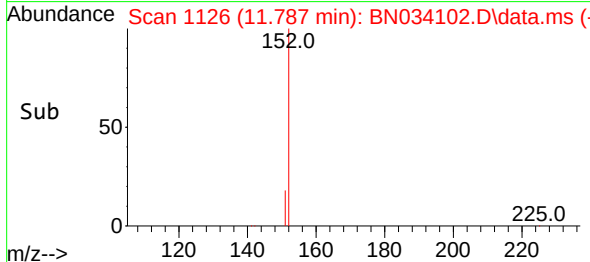
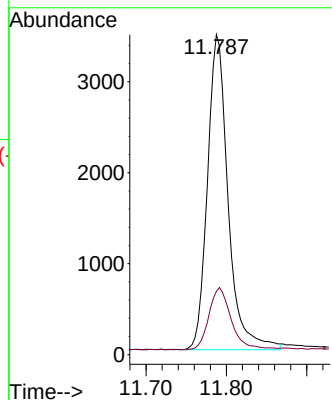
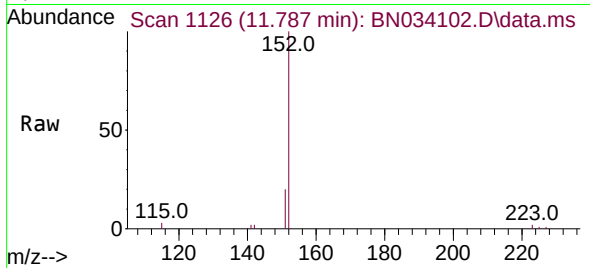




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

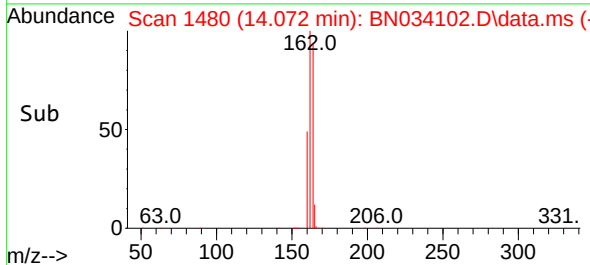
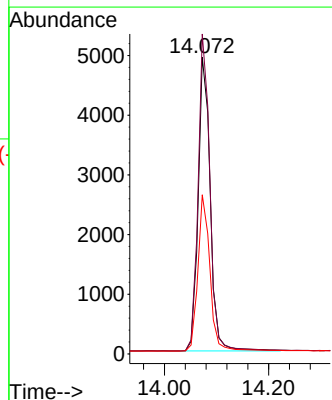
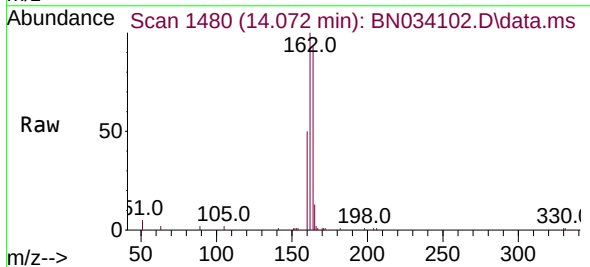
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912

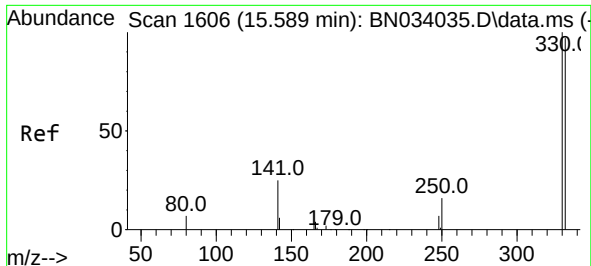
Tgt Ion:152 Resp: 6183
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

Tgt Ion:164 Resp: 7922
Ion Ratio Lower Upper
164 100
162 107.8 84.2 126.2
160 53.7 41.7 62.5

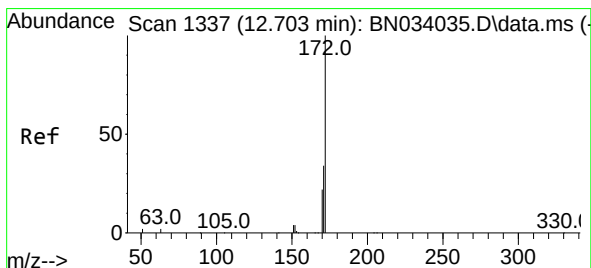
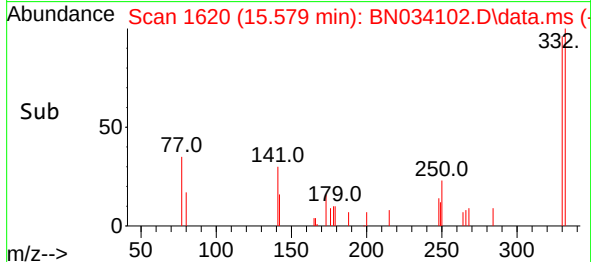
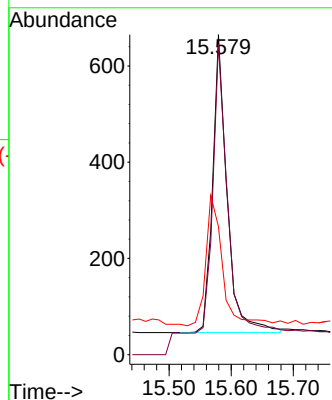
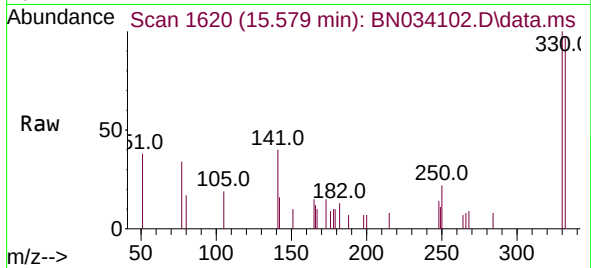




#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.579 min Scan# 10
Delta R.T. -0.009 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

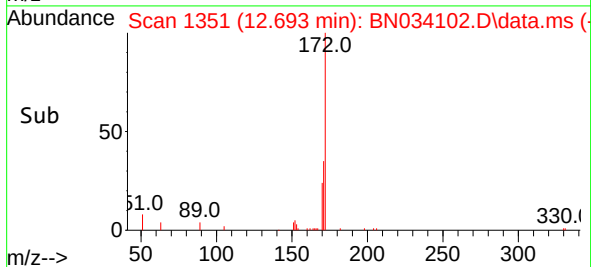
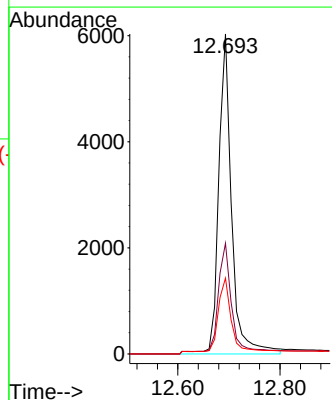
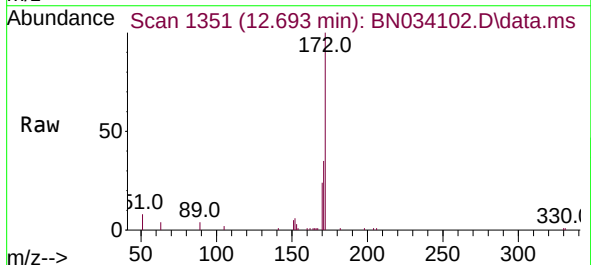
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912

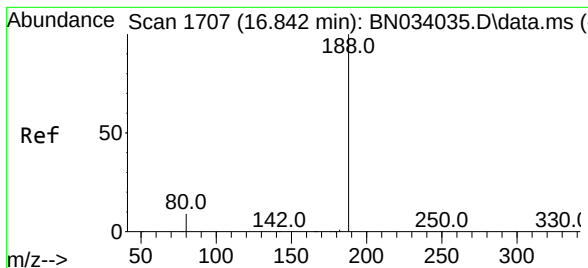
Tgt Ion: 330 Resp: 1003
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 50.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

Tgt Ion: 172 Resp: 10176
Ion Ratio Lower Upper
172 100
171 34.6 27.3 40.9
170 23.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034102.D

Acq: 21 Sep 2024 00:51

Instrument :

BNA_N

ClientSampleId :

RE120D3-20240912

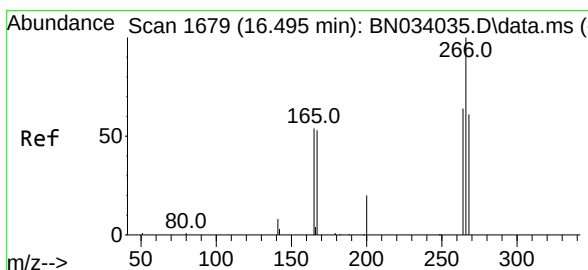
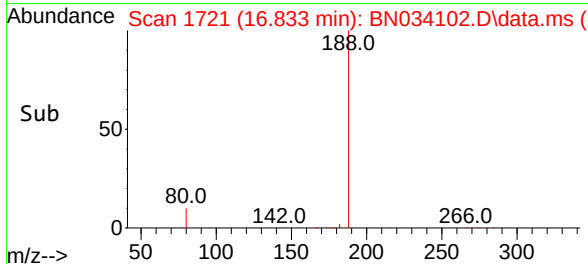
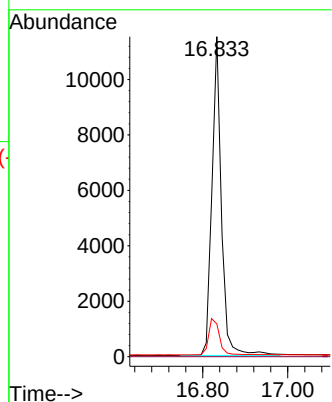
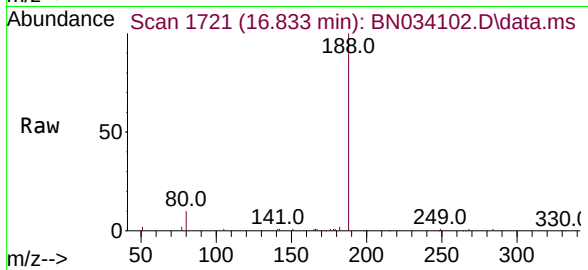
Tgt Ion:188 Resp: 17737

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 7.4 11.0



#24

Pentachlorophenol

Concen: 0.073 ng

RT: 16.498 min Scan# 1694

Delta R.T. 0.003 min

Lab File: BN034102.D

Acq: 21 Sep 2024 00:51

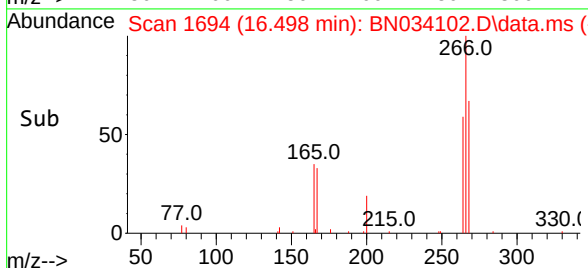
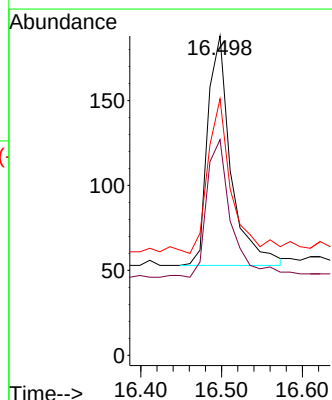
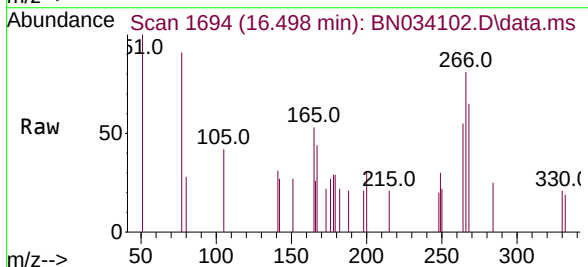
Tgt Ion:266 Resp: 270

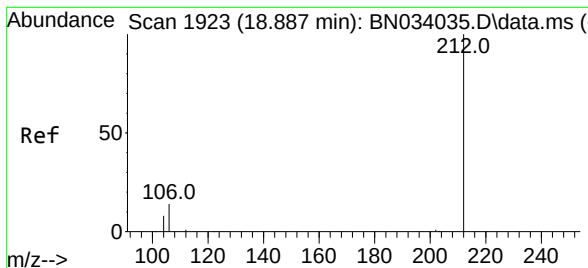
Ion Ratio Lower Upper

266 100

264 63.7 50.2 75.2

268 67.0 51.0 76.4





#27

Fluoranthene-d10

Concen: 0.400 ng

RT: 18.876 min Scan# 1923

Delta R.T. -0.011 min

Lab File: BN034102.D

Acq: 21 Sep 2024 00:51

Instrument :

BNA_N

ClientSampleId :

RE120D3-20240912

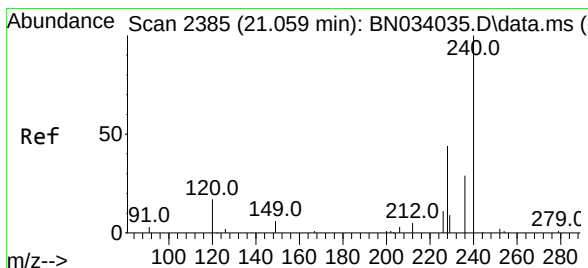
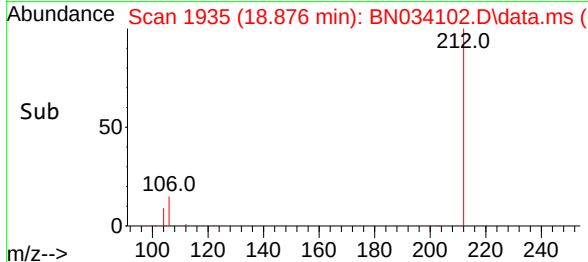
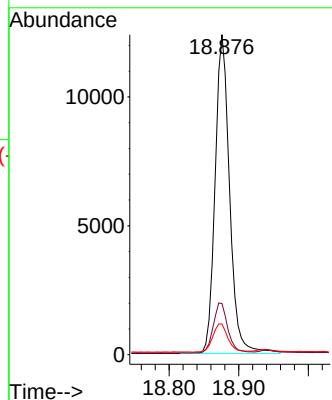
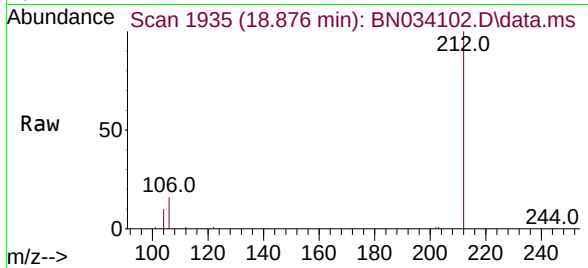
Tgt Ion:212 Resp: 17922

Ion Ratio Lower Upper

212 100

106 15.7 13.4 20.2

104 9.2 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BN034102.D

Acq: 21 Sep 2024 00:51

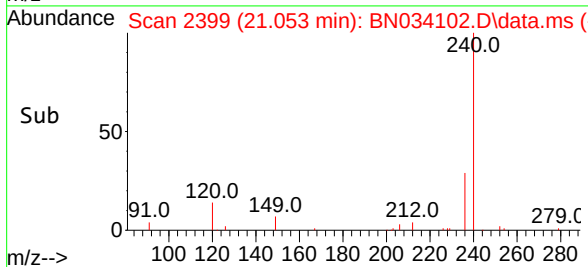
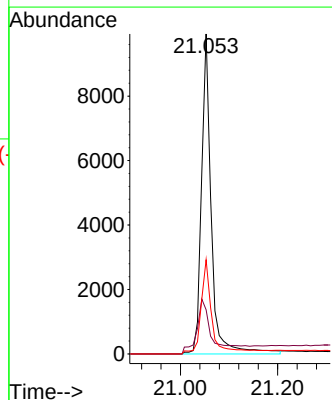
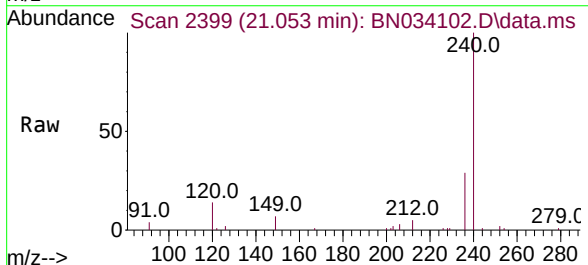
Tgt Ion:240 Resp: 13316

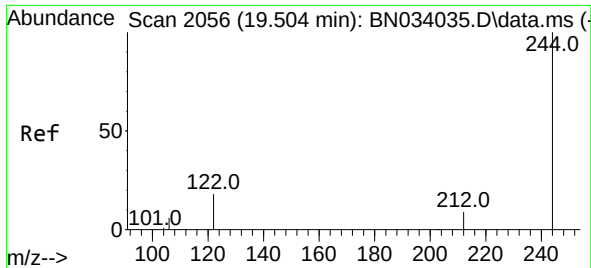
Ion Ratio Lower Upper

240 100

120 13.8 13.5 20.3

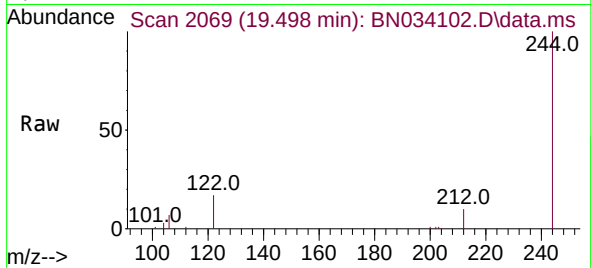
236 29.4 23.4 35.0



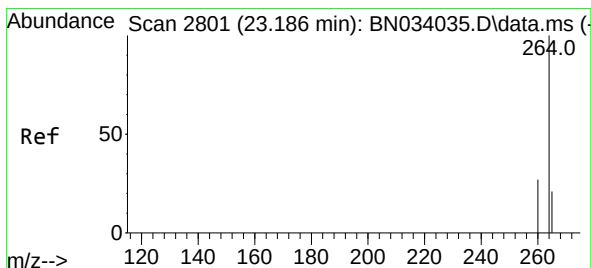
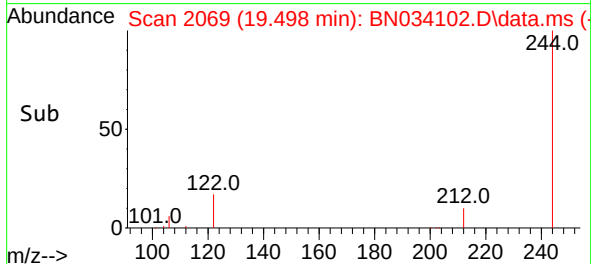
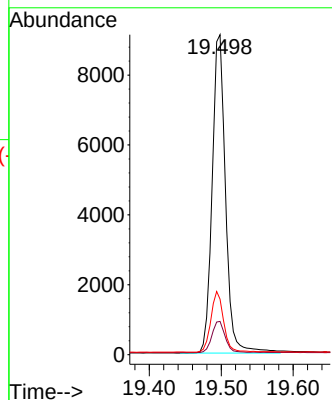


#31
Terphenyl-d14
Concen: 0.441 ng
RT: 19.498 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912



Tgt Ion:244 Resp: 11718
Ion Ratio Lower Upper
244 100
212 10.4 7.8 11.6
122 17.4 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.174 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BN034102.D
Acq: 21 Sep 2024 00:51

Tgt Ion:264 Resp: 11217
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 70.3 52.1 78.1

