

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034101.D
 Acq On : 21 Sep 2024 00:15
 Operator : JU/RC
 Sample : P4003-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20240912

Quant Time: Sep 21 01:21:33 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)

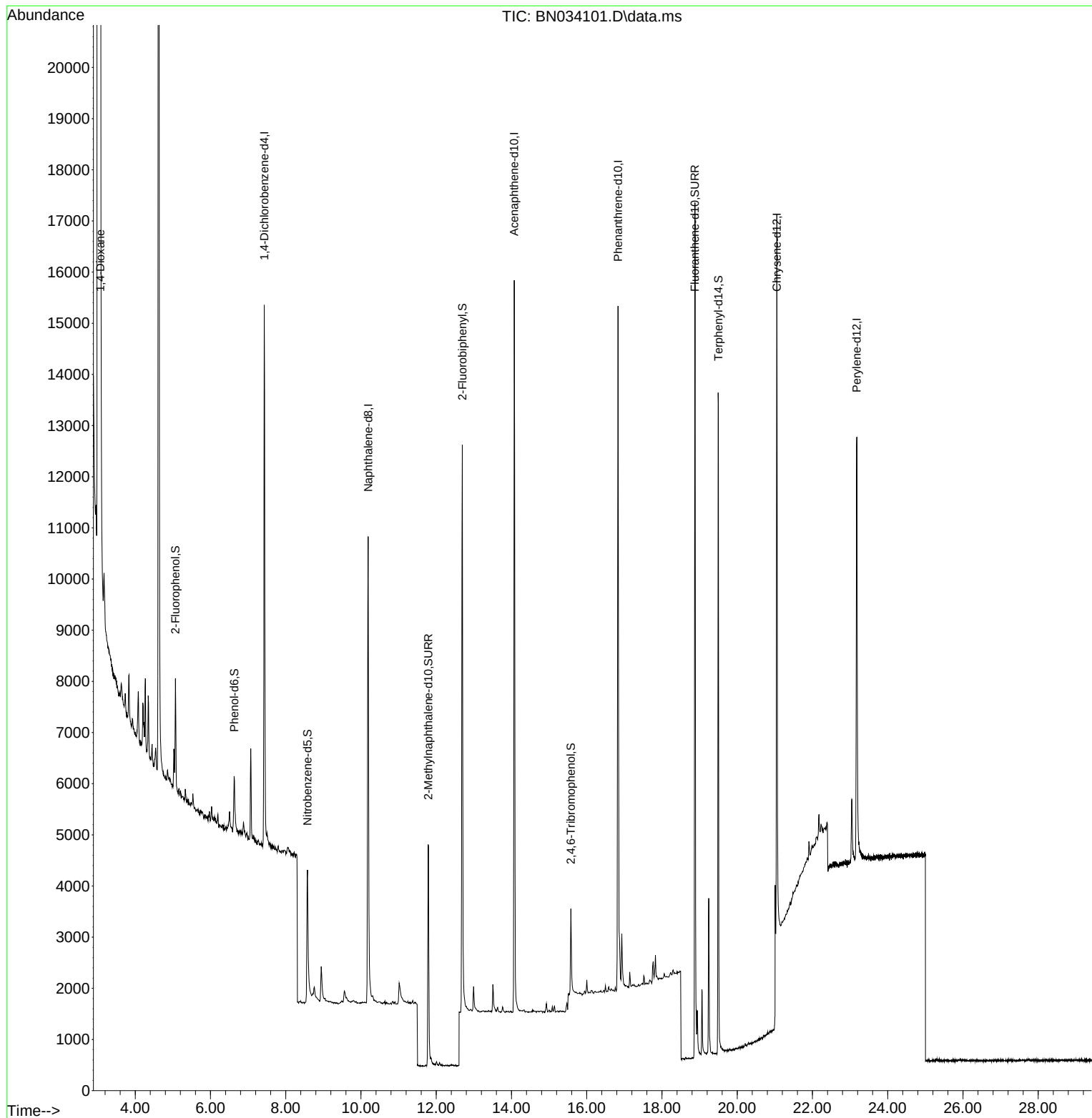
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4922	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13724	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	8313	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18053	0.400	ng	0.00
29) Chrysene-d12	21.053	240	13665	0.400	ng	0.00
35) Perylene-d12	23.177	264	11280	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1587	0.114	ng	0.00
5) Phenol-d6	6.629	99	1223	0.075	ng	0.00
8) Nitrobenzene-d5	8.579	82	3026	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	6713	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	1003	0.266	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	10866	0.321	ng	0.00
27) Fluoranthene-d10	18.876	212	18717	0.411	ng	-0.01
31) Terphenyl-d14	19.498	244	12316	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	22126	3.596	ng	Qvalue # 86

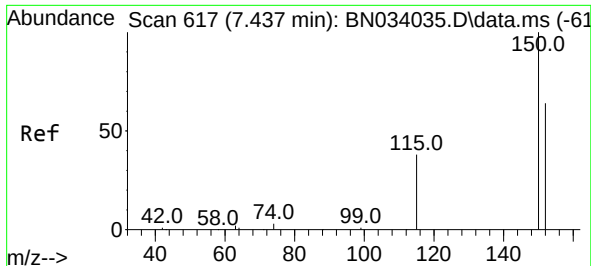
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
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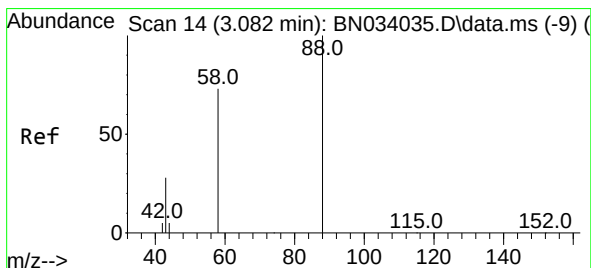
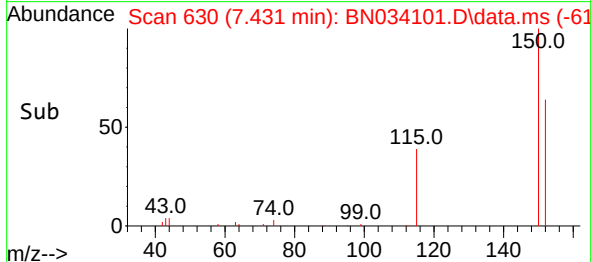
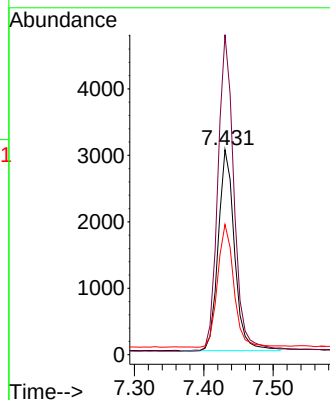
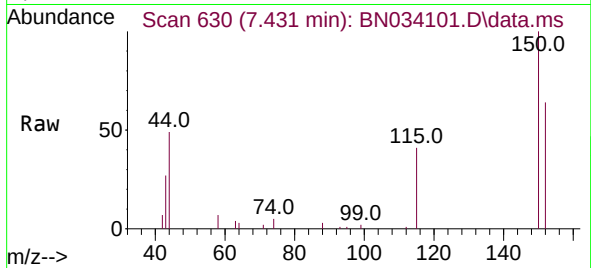




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

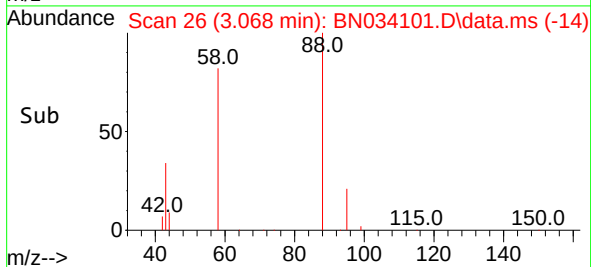
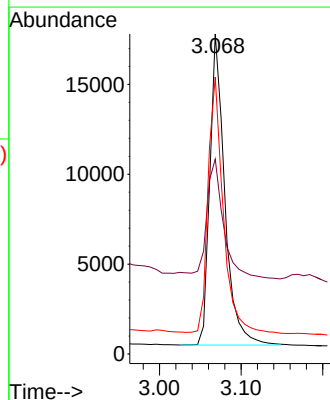
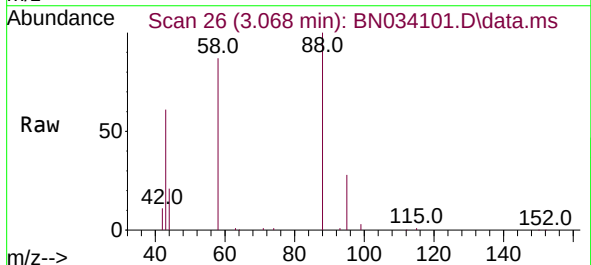
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240912

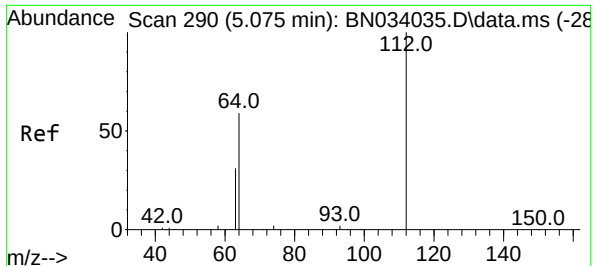
Tgt Ion:152 Resp: 4922
Ion Ratio Lower Upper
152 100
150 156.1 124.6 187.0
115 63.6 50.0 75.0



#2
1,4-Dioxane
Concen: 3.596 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

Tgt Ion: 88 Resp: 22126
Ion Ratio Lower Upper
88 100
43 43.2 25.8 38.8#
58 83.7 58.8 88.2

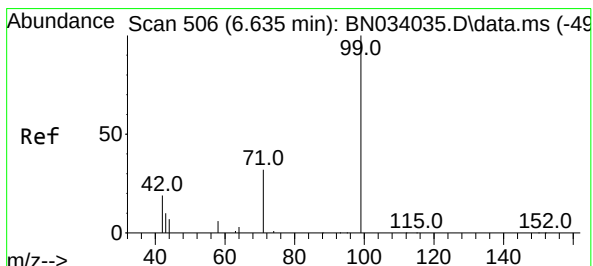
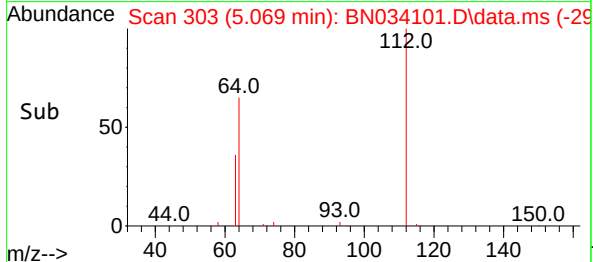
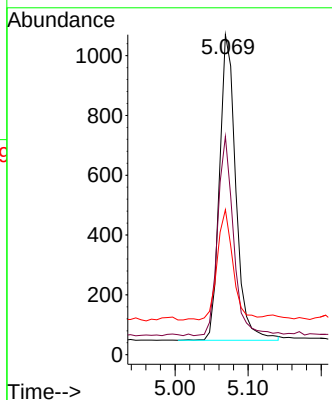
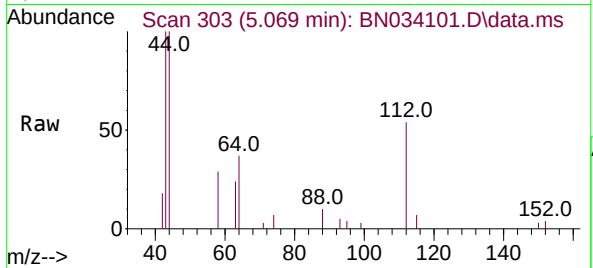




#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

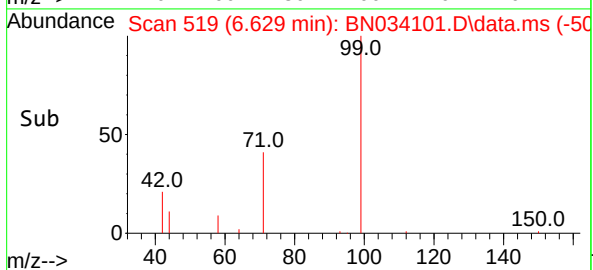
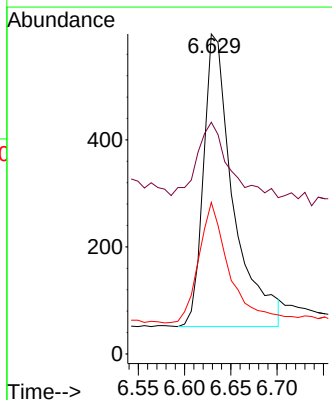
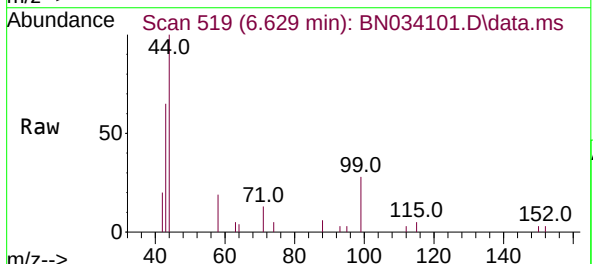
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240912

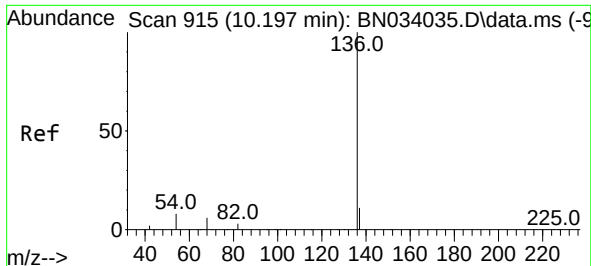
Tgt Ion:112 Resp: 1587
Ion Ratio Lower Upper
112 100
64 63.1 48.6 72.8
63 34.8 25.6 38.4



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

Tgt Ion: 99 Resp: 1223
Ion Ratio Lower Upper
99 100
42 27.6 17.8 26.8#
71 42.0 26.2 39.2#

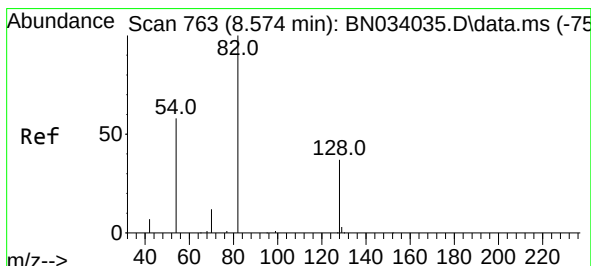
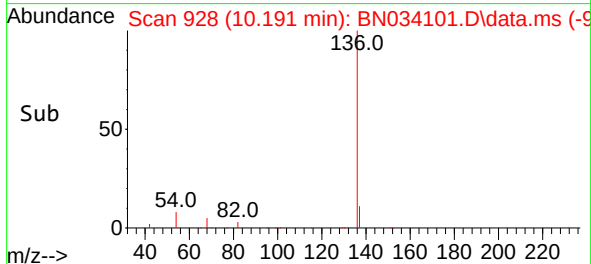
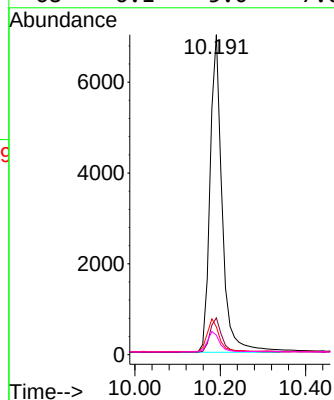
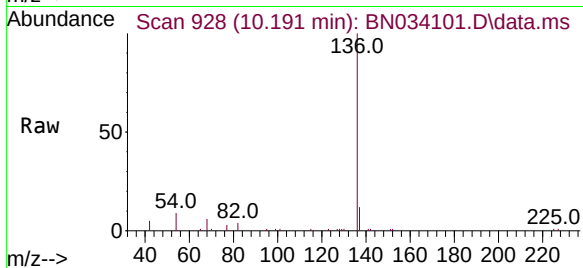




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

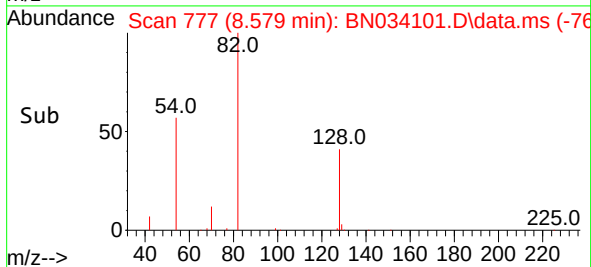
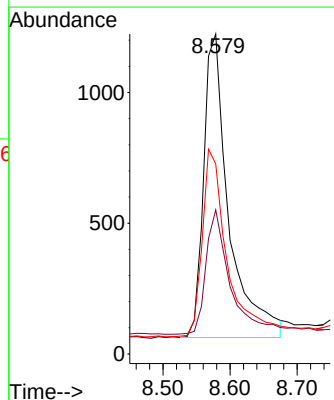
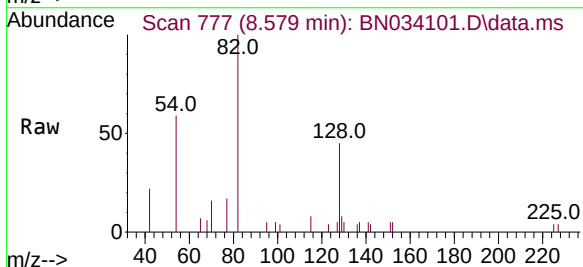
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240912

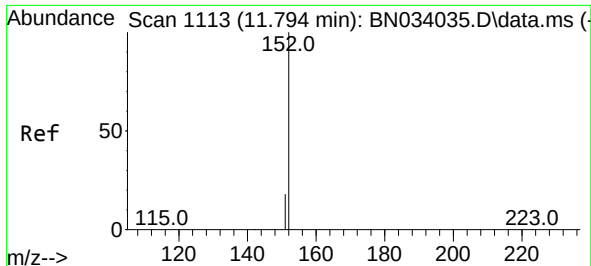
Tgt Ion:136	Resp:	13724
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	8.7	6.8 10.2
68	6.1	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

Tgt Ion: 82	Resp:	3026
Ion Ratio	Lower	Upper
82	100	
128	45.0	31.4 47.2
54	59.4	47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 11.788 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BN034101.D

Acq: 21 Sep 2024 00:15

Instrument :

BNA_N

ClientSampleId :

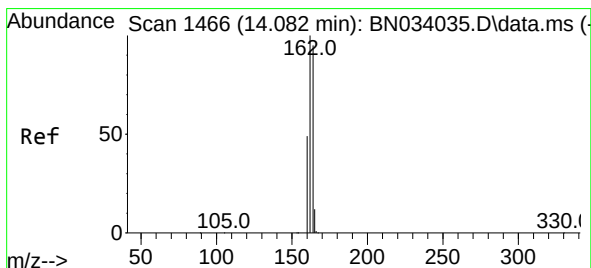
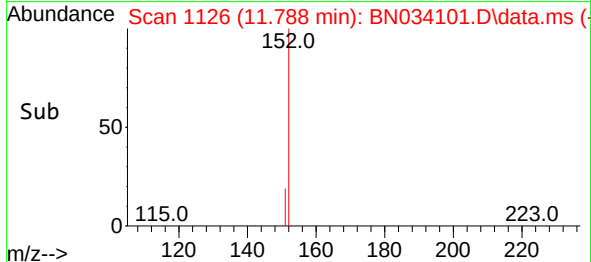
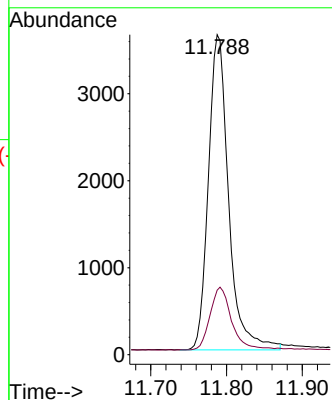
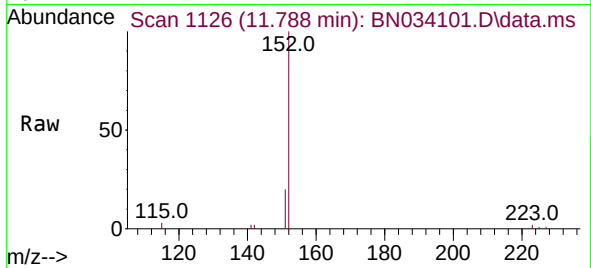
RE120D2-20240912

Tgt Ion:152 Resp: 6713

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.073 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BN034101.D

Acq: 21 Sep 2024 00:15

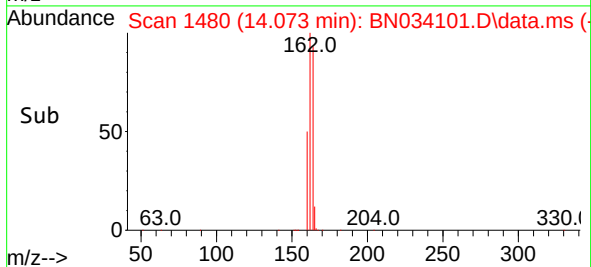
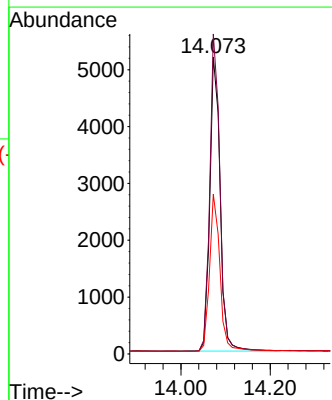
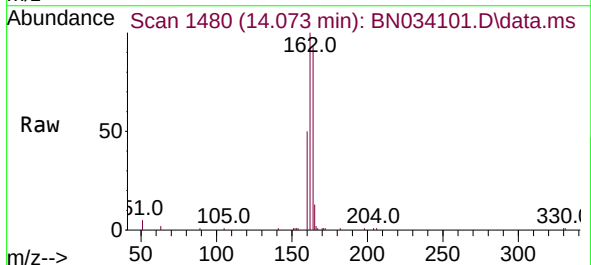
Tgt Ion:164 Resp: 8313

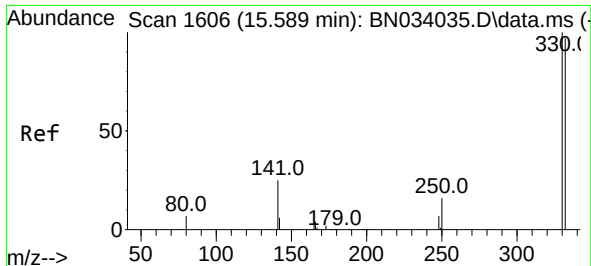
Ion Ratio Lower Upper

164 100

162 107.7 84.2 126.2

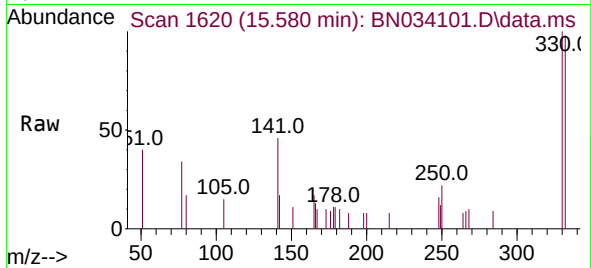
160 53.8 41.7 62.5



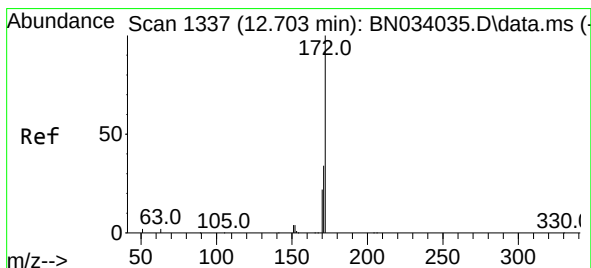
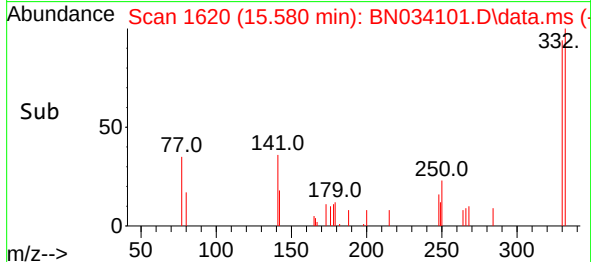
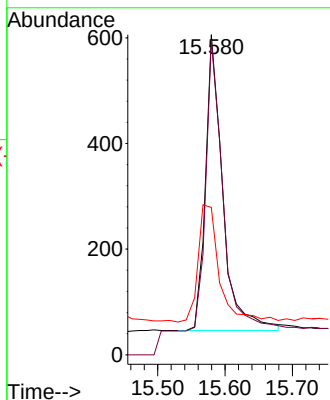


#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

Instrument :
BNA_N
ClientSampleId :
RE120D2-20240912

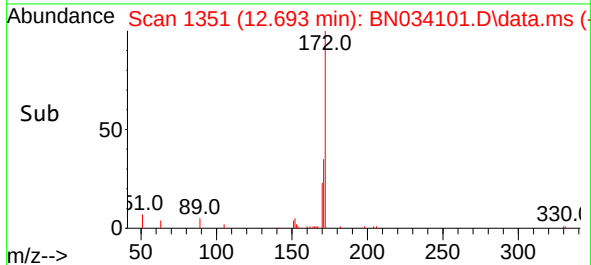
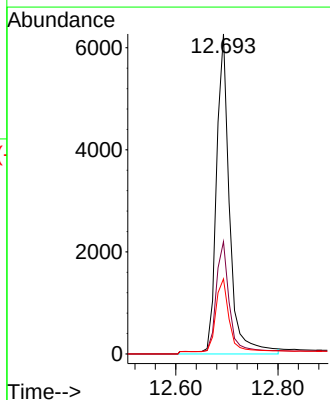
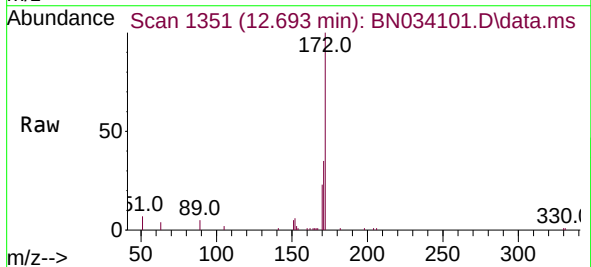


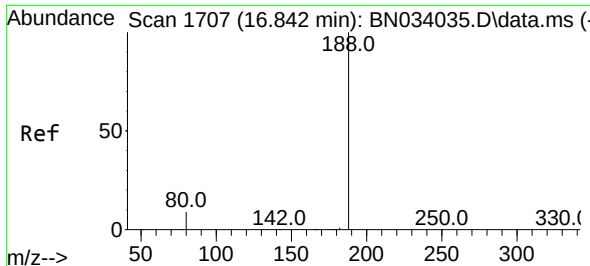
Tgt Ion:330 Resp: 1003
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 48.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

Tgt Ion:172 Resp: 10866
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.5 18.1 27.1

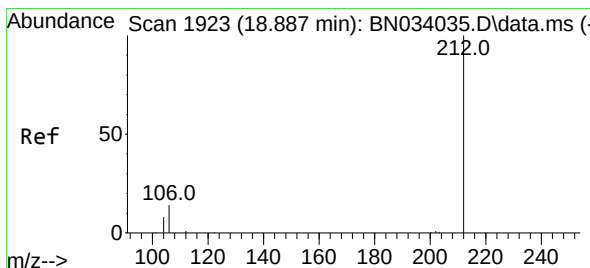
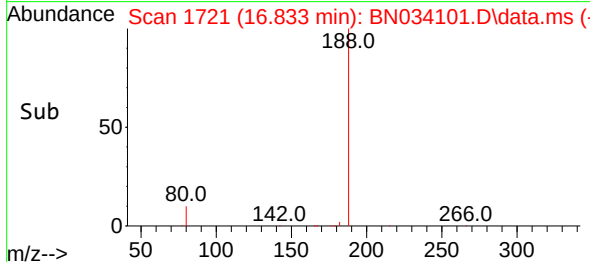
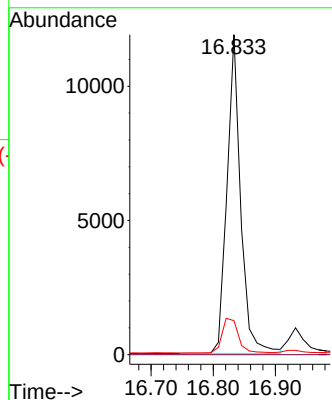
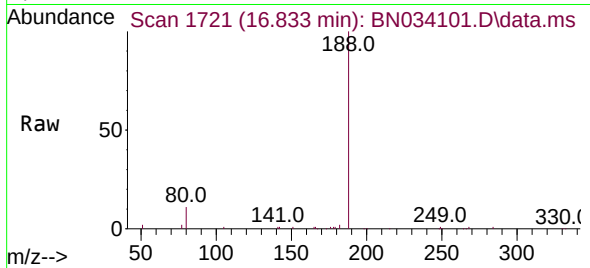




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

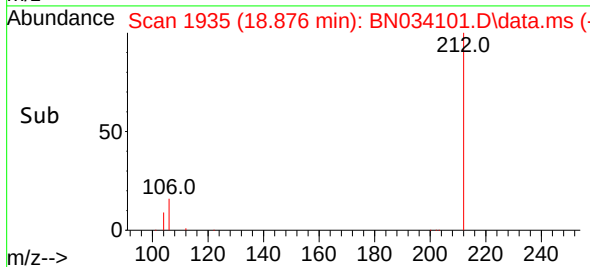
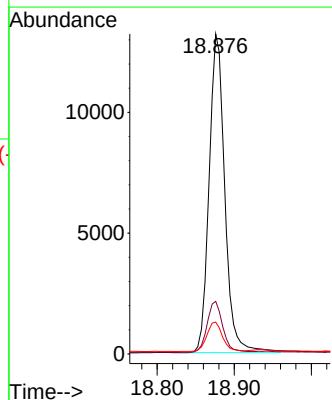
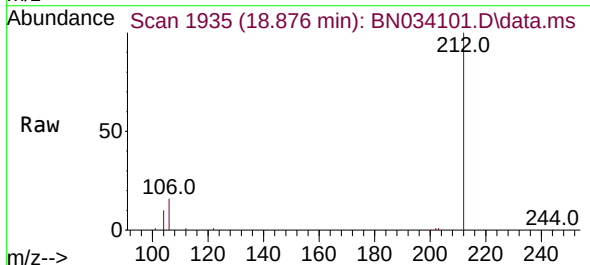
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240912

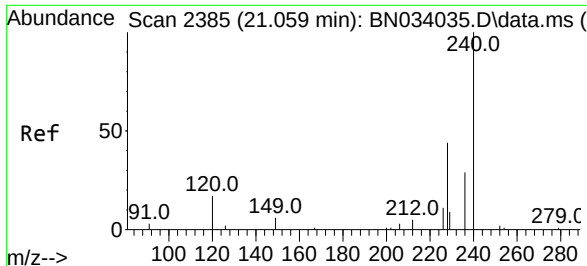
Tgt Ion:188 Resp: 18053
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034101.D
Acq: 21 Sep 2024 00:15

Tgt Ion:212 Resp: 18717
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034101.D

Acq: 21 Sep 2024 00:15

Instrument :

BNA_N

ClientSampleId :

RE120D2-20240912

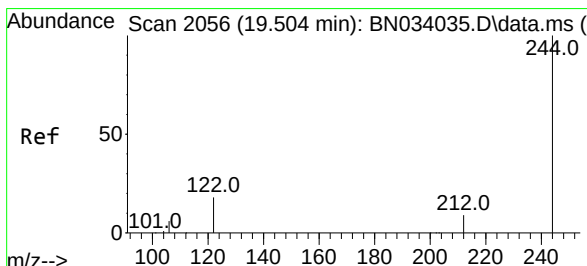
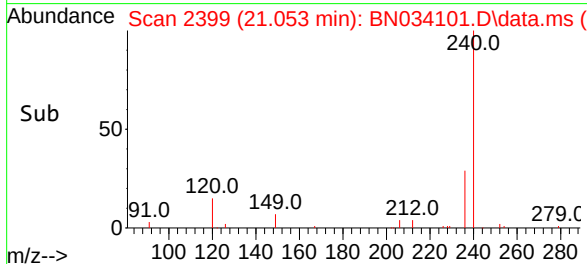
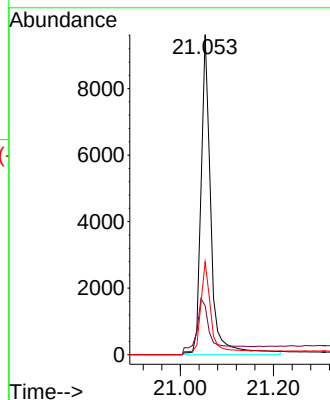
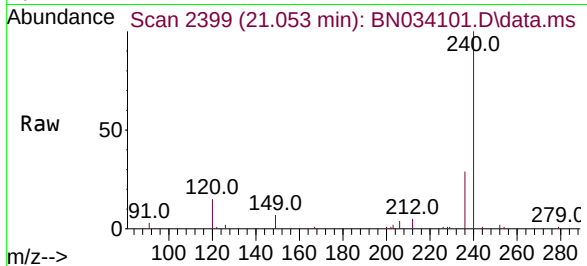
Tgt Ion:240 Resp: 13665

Ion Ratio Lower Upper

240 100

120 15.3 13.5 20.3

236 29.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.451 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034101.D

Acq: 21 Sep 2024 00:15

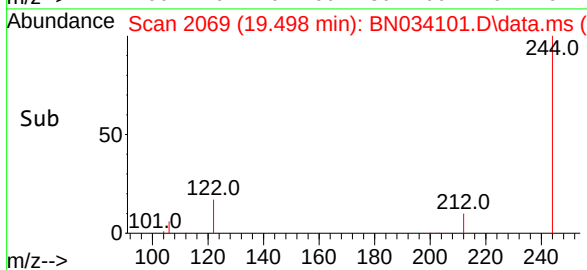
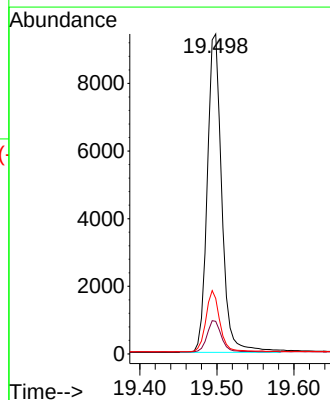
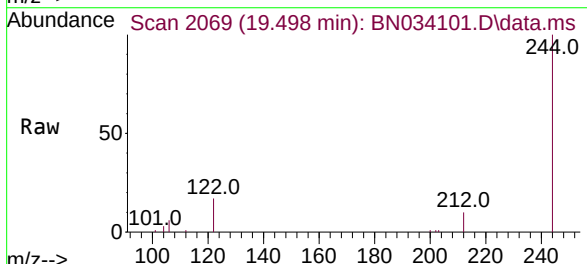
Tgt Ion:244 Resp: 12316

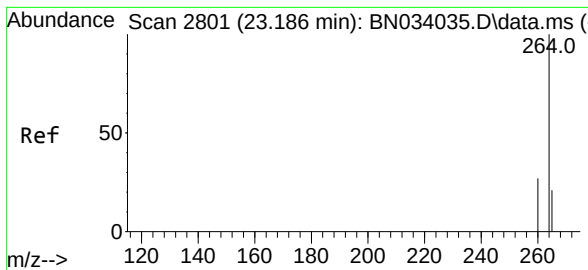
Ion Ratio Lower Upper

244 100

212 10.2 7.8 11.6

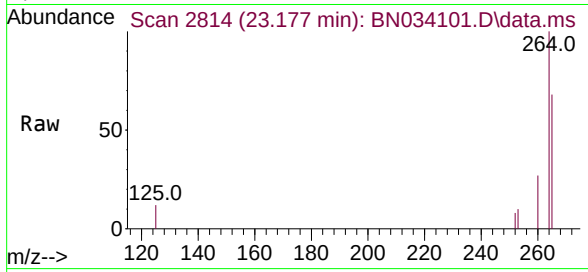
122 17.3 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.177 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034101.D
 Acq: 21 Sep 2024 00:15

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20240912



Tgt Ion:264 Resp: 11280

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.7	32.5
265	67.6	52.1	78.1

