

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034089.D
 Acq On : 20 Sep 2024 16:17
 Operator : JU/RC
 Sample : P4003-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20240911

Quant Time: Sep 20 16:55:28 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)

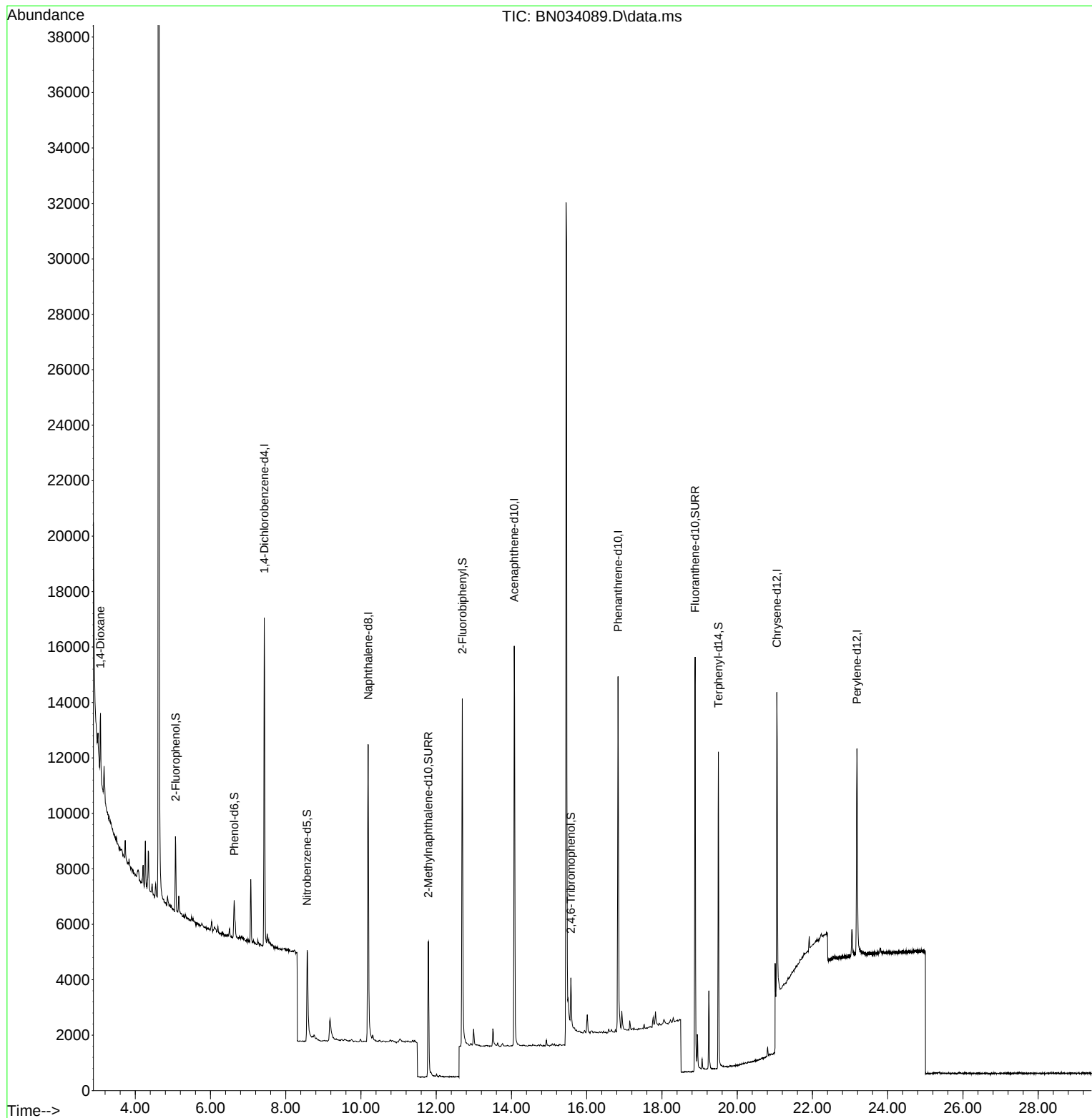
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5582	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15301	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	8700	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16815	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	11421	0.400	ng	# 0.00
35) Perylene-d12	23.183	264	10010	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2010	0.127	ng	0.00
5) Phenol-d6	6.629	99	1287	0.070	ng	0.00
8) Nitrobenzene-d5	8.568	82	3726	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	7604	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	996	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	12106	0.342	ng	0.00
27) Fluoranthene-d10	18.881	212	16530	0.390	ng	0.00
31) Terphenyl-d14	19.498	244	10569	0.463	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.076	88	1338	0.192	ng	# 36

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

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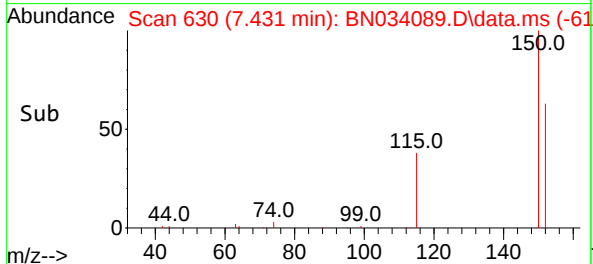
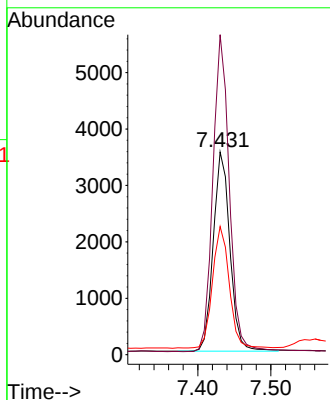
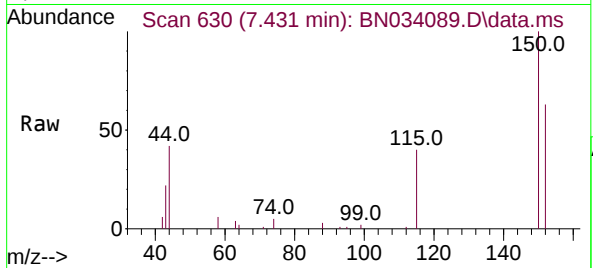




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.431 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BN034089.D
 Acq: 20 Sep 2024 16:17

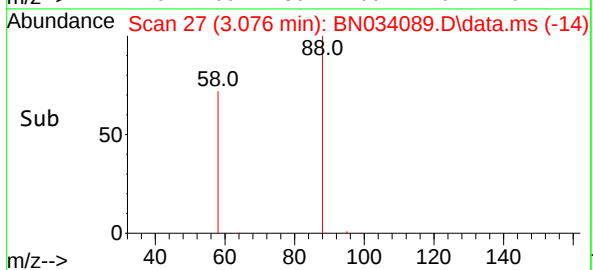
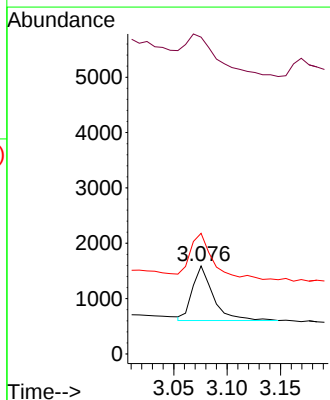
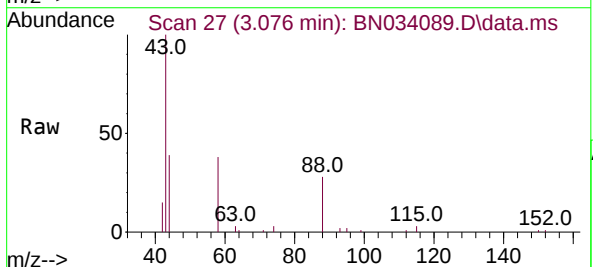
Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20240911

Tgt Ion:152 Resp: 5582
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 187.0
 115 63.2 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.192 ng
 RT: 3.076 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034089.D
 Acq: 20 Sep 2024 16:17

Tgt Ion: 88 Resp: 1338
 Ion Ratio Lower Upper
 88 100
 43 118.3 25.8 38.8#
 58 94.3 58.8 88.2#

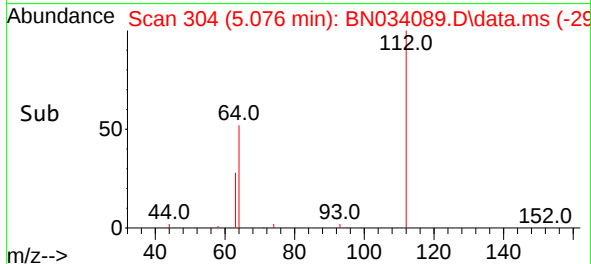
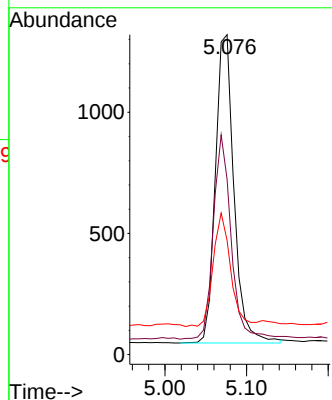
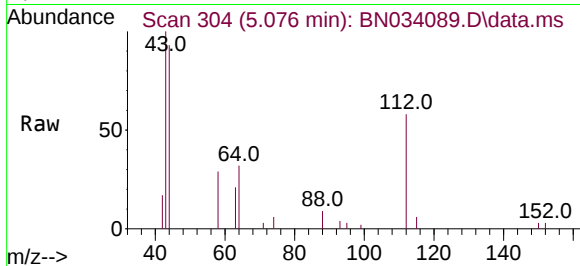




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

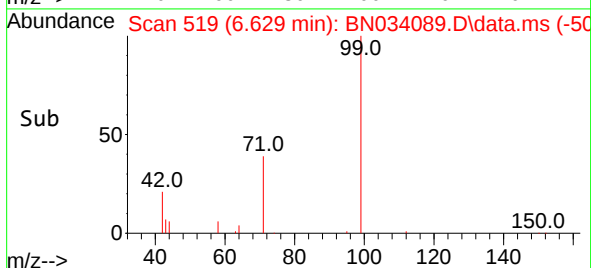
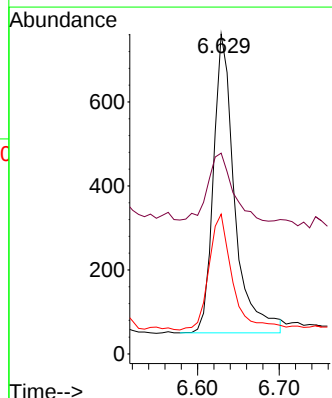
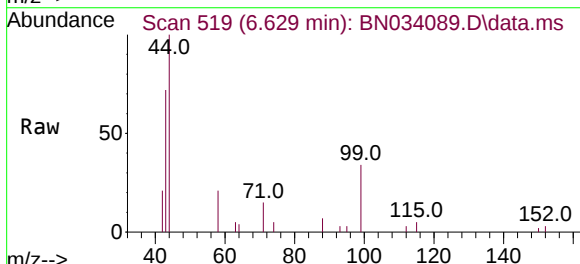
Instrument :
BNA_N
ClientSampleId :
MW178I-20240911

Tgt Ion: 112 Resp: 2010
Ion Ratio Lower Upper
112 100
64 63.1 48.6 72.8
63 34.6 25.6 38.4



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

Tgt Ion: 99 Resp: 1287
Ion Ratio Lower Upper
99 100
42 26.6 17.8 26.8
71 42.6 26.2 39.2#

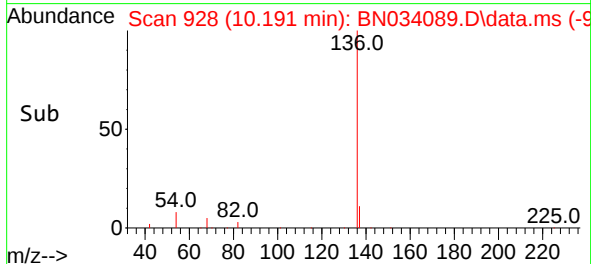
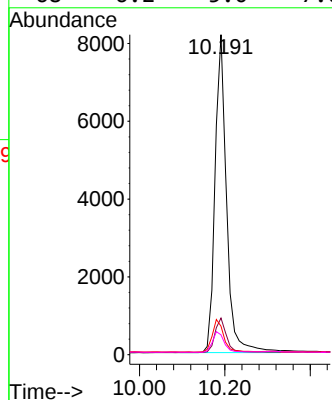
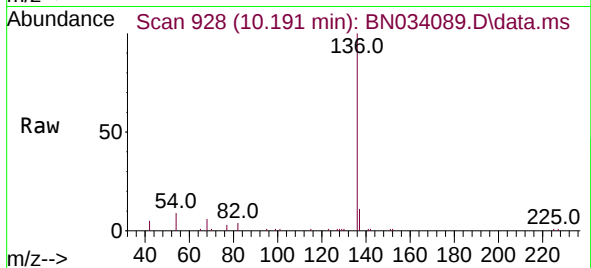




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

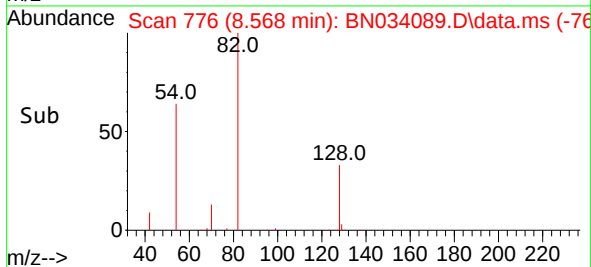
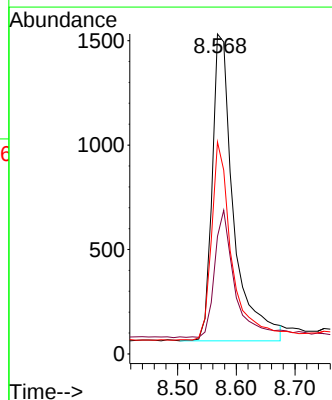
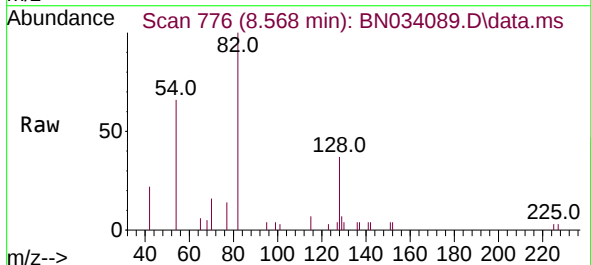
Instrument :
BNA_N
ClientSampleId :
MW178I-20240911

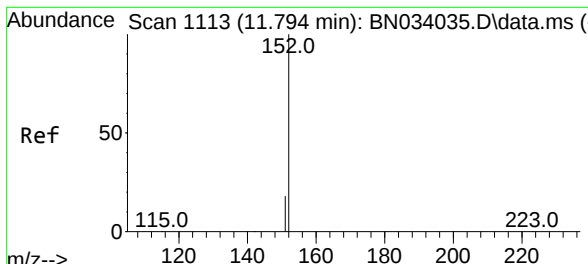
Tgt Ion:136	Resp:	15301
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	8.9	6.8 10.2
68	6.2	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

Tgt Ion: 82	Resp:	3726
Ion Ratio	Lower	Upper
82	100	
128	36.7	31.4 47.2
54	66.3	47.4 71.0

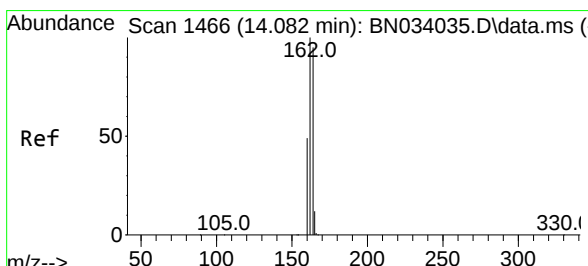
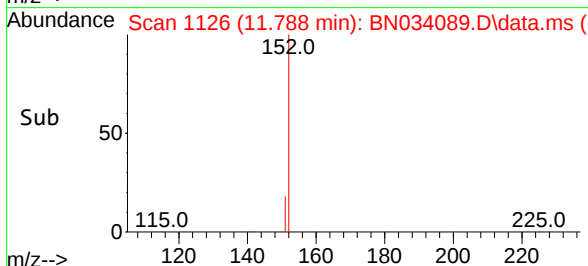
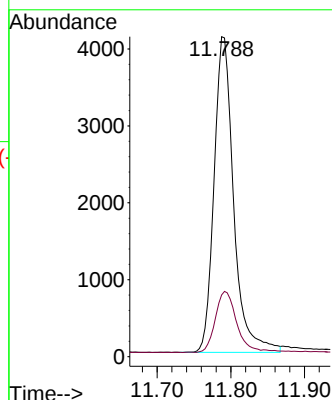
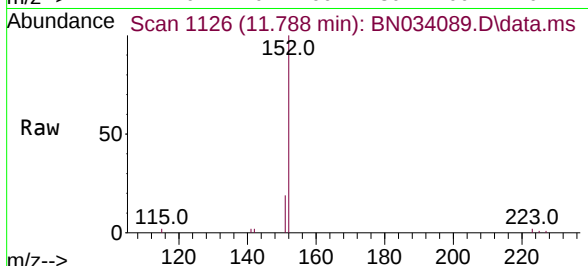




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

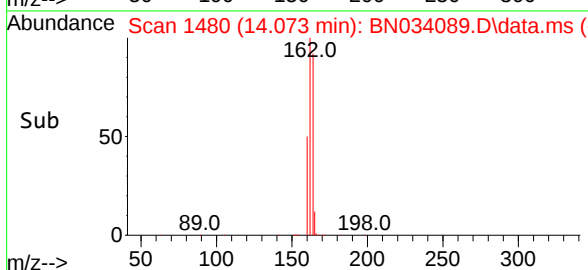
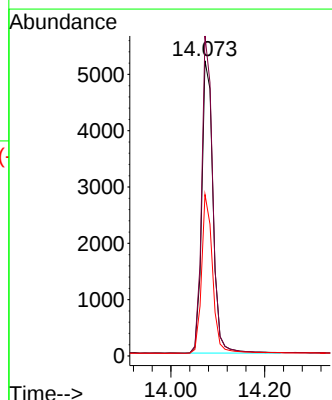
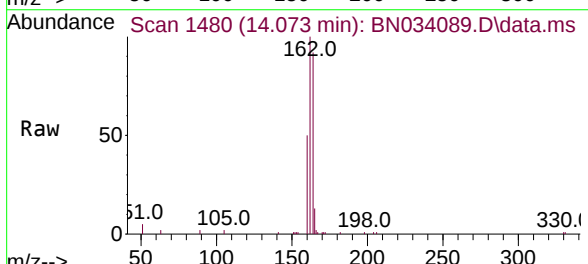
Instrument :
BNA_N
ClientSampleId :
MW178I-20240911

Tgt Ion:152 Resp: 7604
Ion Ratio Lower Upper
152 100
151 21.0 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: BN034089.D
Acq: 20 Sep 2024 16:17

Tgt Ion:164 Resp: 8700
Ion Ratio Lower Upper
164 100
162 108.4 84.2 126.2
160 54.7 41.7 62.5

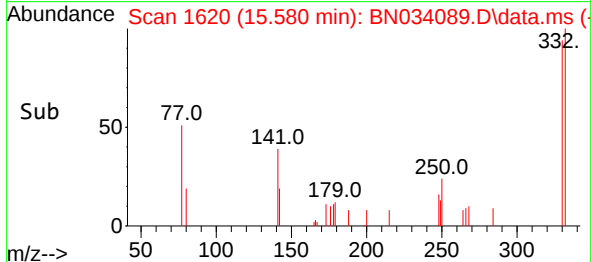
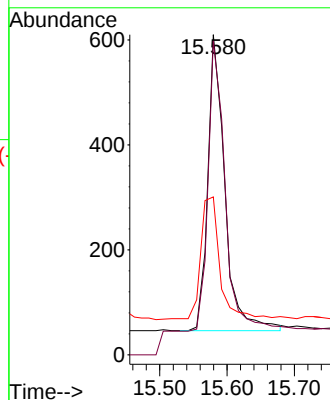
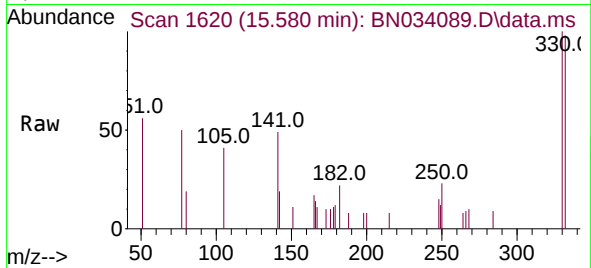




#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

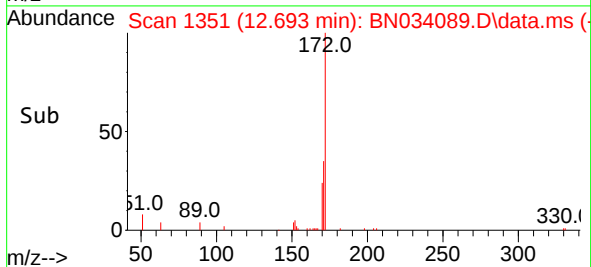
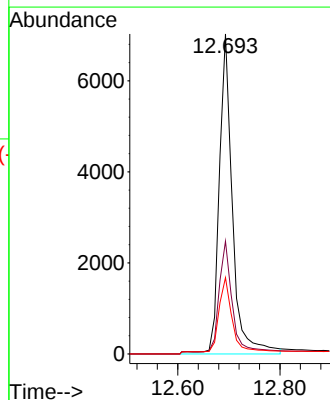
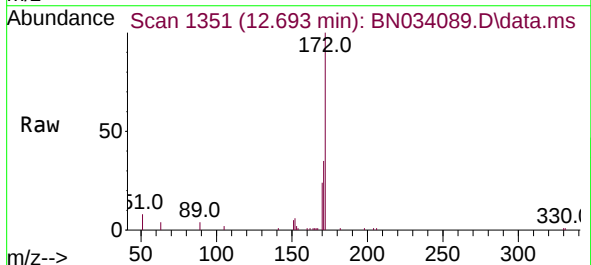
Instrument :
BNA_N
ClientSampleId :
MW178I-20240911

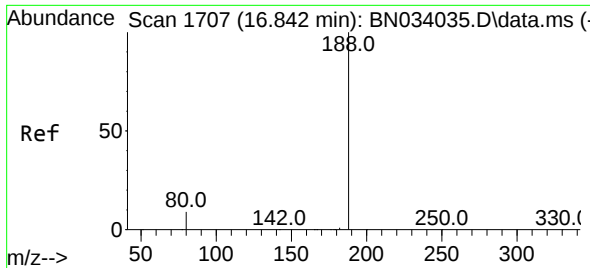
Tgt Ion:330 Resp: 996
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.0
141 46.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

Tgt Ion:172 Resp: 12106
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 23.8 18.1 27.1

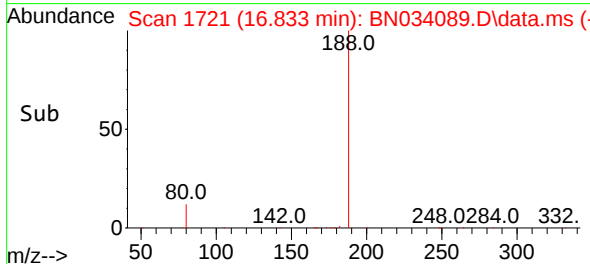
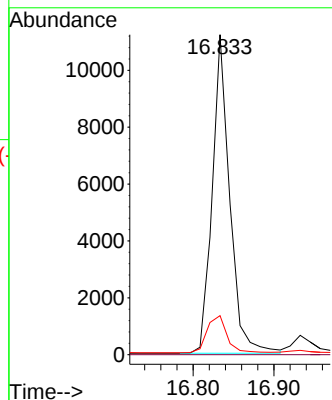
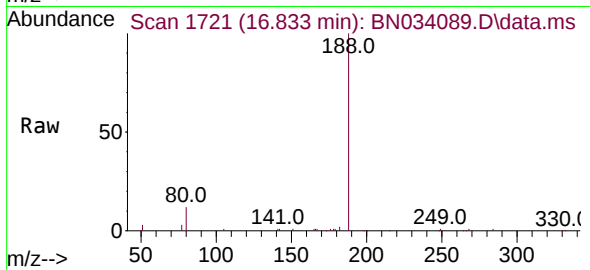




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

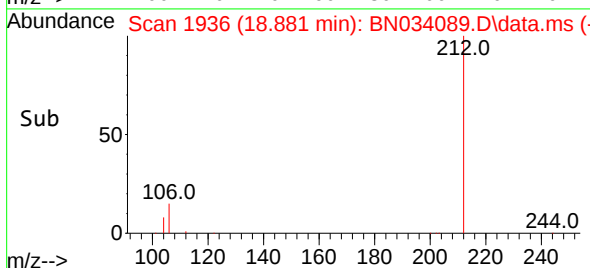
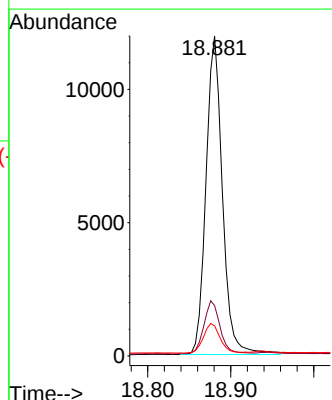
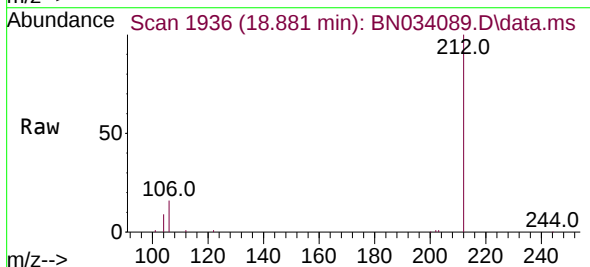
Instrument :
BNA_N
ClientSampleId :
MW178I-20240911

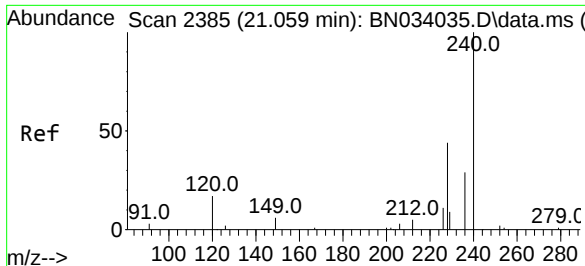
Tgt Ion:188 Resp: 16815
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 18.881 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034089.D
Acq: 20 Sep 2024 16:17

Tgt Ion:212 Resp: 16530
Ion Ratio Lower Upper
212 100
106 16.5 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: BN034089.D

Acq: 20 Sep 2024 16:17

Instrument :

BNA_N

ClientSampleId :

MW178I-20240911

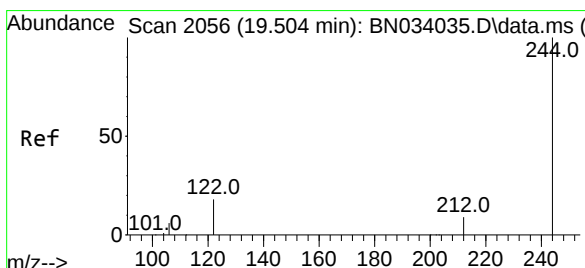
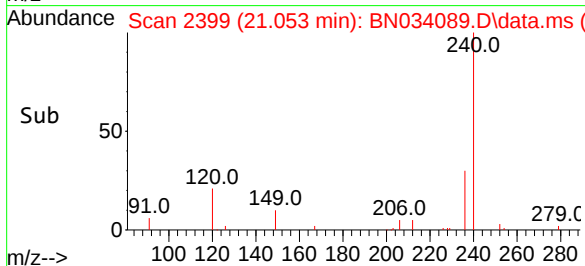
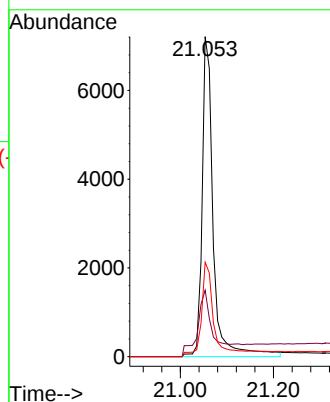
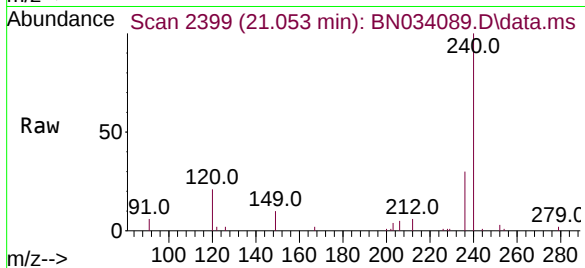
Tgt Ion:240 Resp: 11421

Ion Ratio Lower Upper

240 100

120 20.8 13.5 20.3#

236 29.5 23.4 35.0



#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034089.D

Acq: 20 Sep 2024 16:17

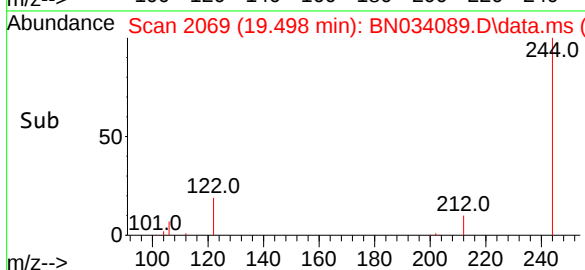
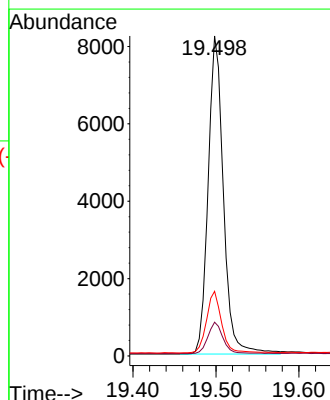
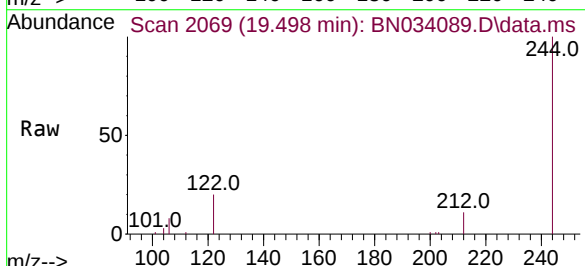
Tgt Ion:244 Resp: 10569

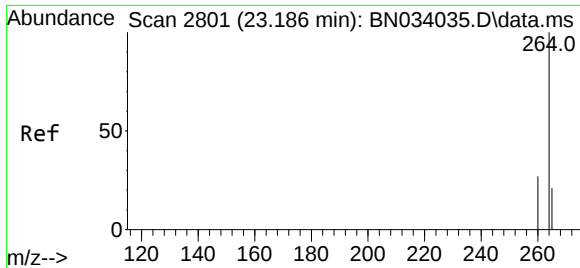
Ion Ratio Lower Upper

244 100

212 10.6 7.8 11.6

122 20.2 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.183 min Scan# 2816
 Delta R.T. -0.003 min
 Lab File: BN034089.D
 Acq: 20 Sep 2024 16:17

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Tgt Ion:264	Resp:	10010
Ion	Ratio	Lower Upper
264	100	
260	27.1	21.7 32.5
265	79.0	52.1 78.1#

