

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034476.D
 Acq On : 08 Oct 2024 18:00
 Operator : RC/JU
 Sample : P4226-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20240924

Quant Time: Oct 08 18:28:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

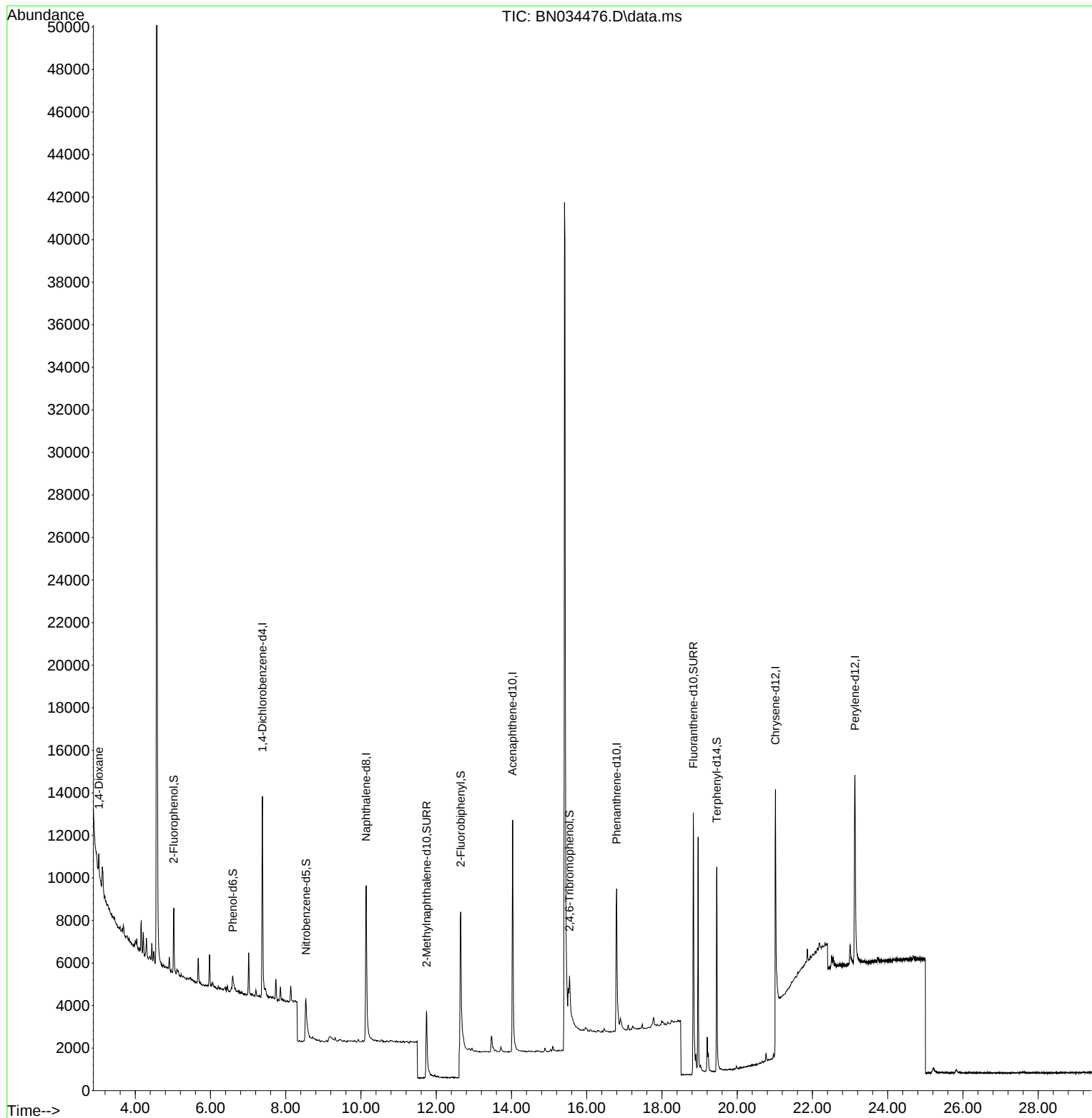
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4988	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	13270	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	7274	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	12869	0.400	ng	0.00
29) Chrysene-d12	21.017	240	11317	0.400	ng	0.00
35) Perylene-d12	23.128	264	12881	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	2546	0.180	ng	0.00
5) Phenol-d6	6.593	99	1214	0.074	ng	0.00
8) Nitrobenzene-d5	8.536	82	3071	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	6490	0.331	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	1233	0.374	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	9275	0.314	ng	0.00
27) Fluoranthene-d10	18.834	212	15154	0.467	ng	-0.01
31) Terphenyl-d14	19.457	244	10440	0.462	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.032	88	735	0.118	ng	Qvalue # 64

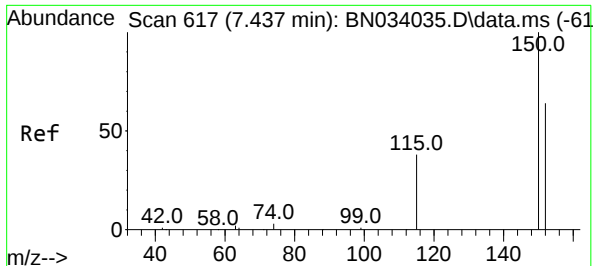
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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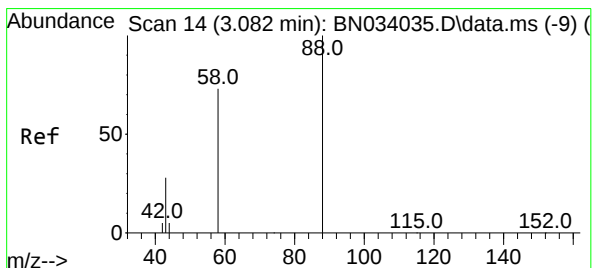
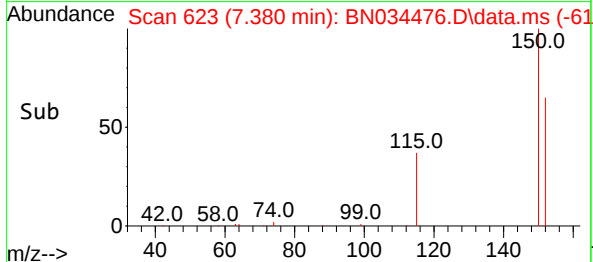
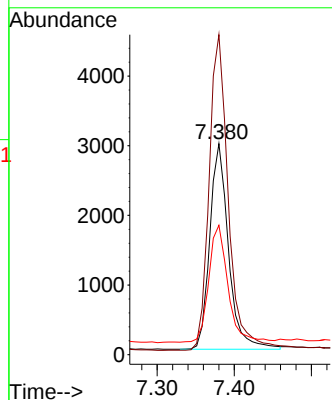
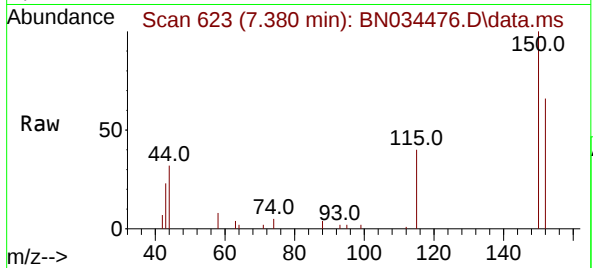




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

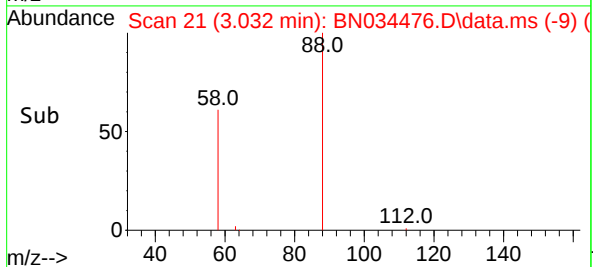
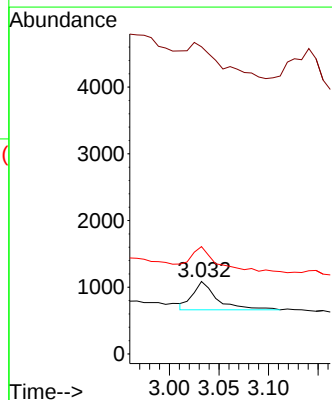
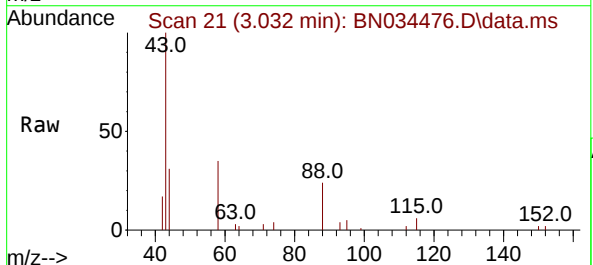
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20240924

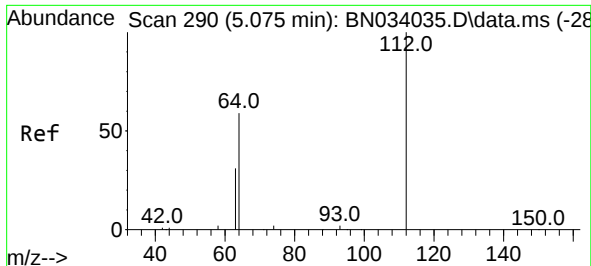
Tgt Ion:152 Resp: 4988
Ion Ratio Lower Upper
152 100
150 151.6 124.6 187.0
115 61.3 50.0 75.0



#2
1,4-Dioxane
Concen: 0.118 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

Tgt Ion: 88 Resp: 735
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 95.6 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.180 ng

RT: 5.026 min Scan# 290

Delta R.T. -0.007 min

Lab File: BN034476.D

Acq: 08 Oct 2024 18:00

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20240924

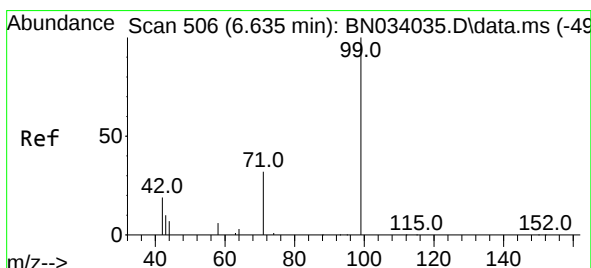
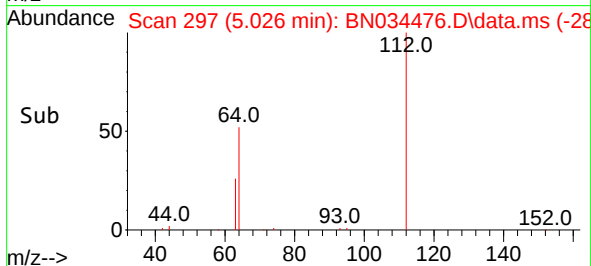
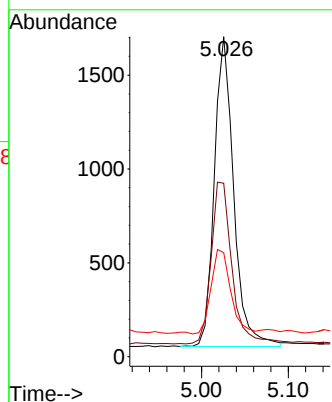
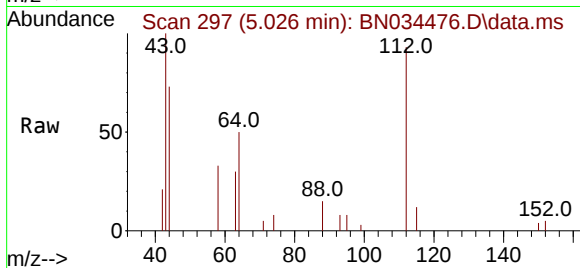
Tgt Ion:112 Resp: 2546

Ion Ratio Lower Upper

112 100

64 56.2 48.6 72.8

63 27.9 25.6 38.4



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.593 min Scan# 514

Delta R.T. -0.007 min

Lab File: BN034476.D

Acq: 08 Oct 2024 18:00

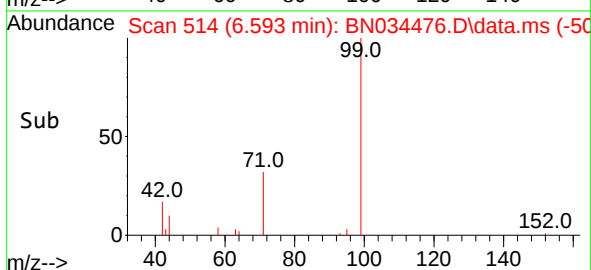
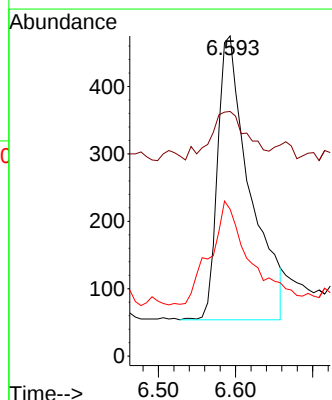
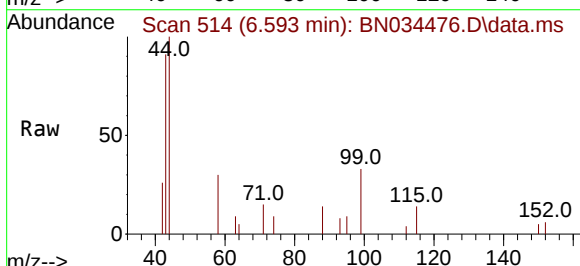
Tgt Ion: 99 Resp: 1214

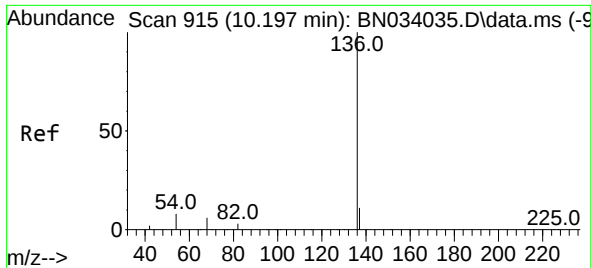
Ion Ratio Lower Upper

99 100

42 19.6 17.8 26.8

71 43.5 26.2 39.2#

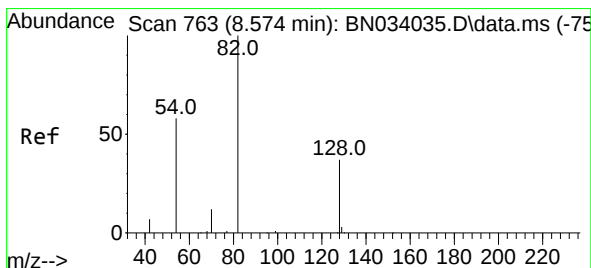
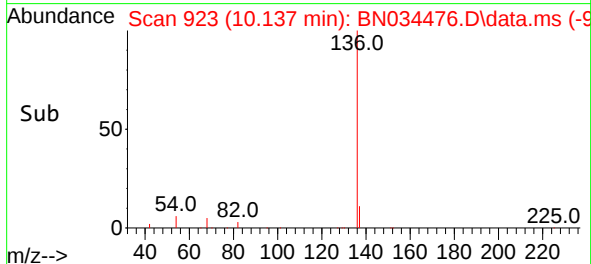
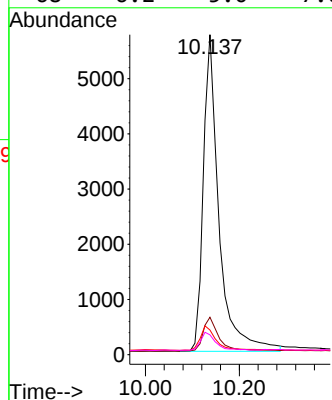
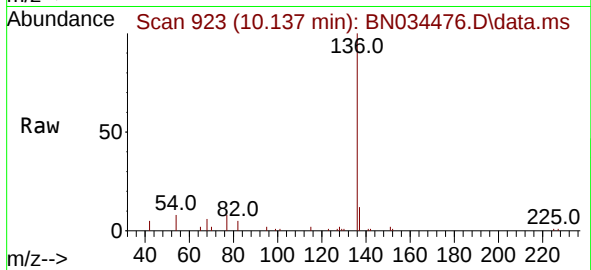




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.010 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

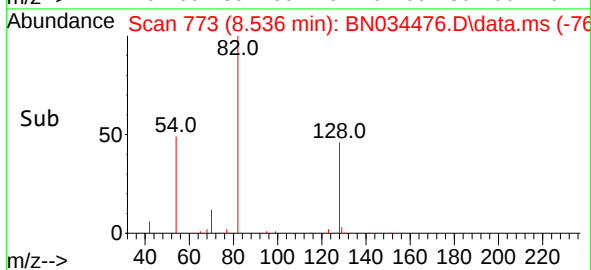
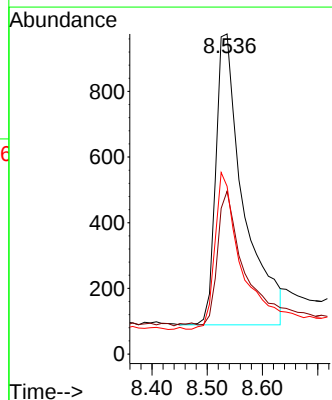
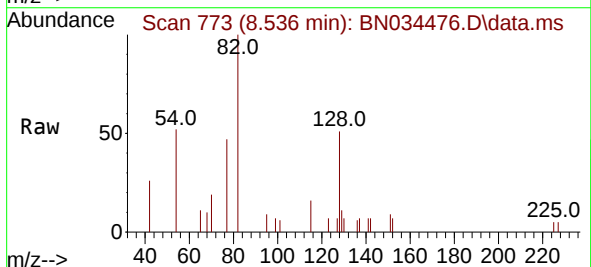
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20240924

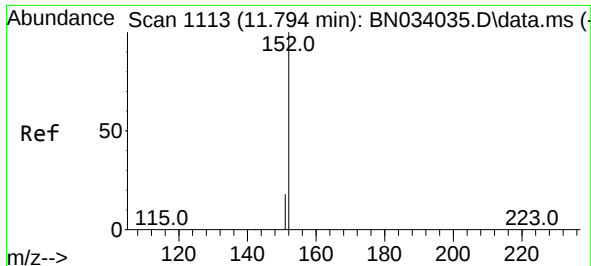
Tgt Ion:	136	Resp:	13270
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	7.7	6.8	10.2
68	6.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

Tgt Ion:	82	Resp:	3071
Ion Ratio	Lower	Upper	
82	100		
128	50.9	31.4	47.2#
54	52.4	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 11.742 min Scan# 1114

Delta R.T. -0.011 min

Lab File: BN034476.D

Acq: 08 Oct 2024 18:00

Instrument :

BNA_N

ClientSampleId :

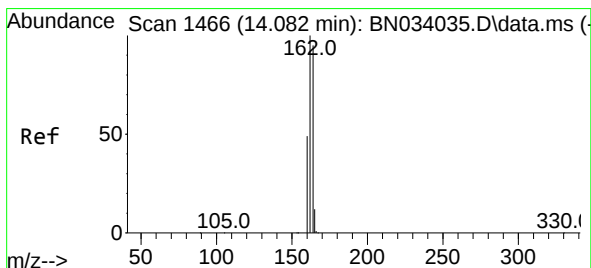
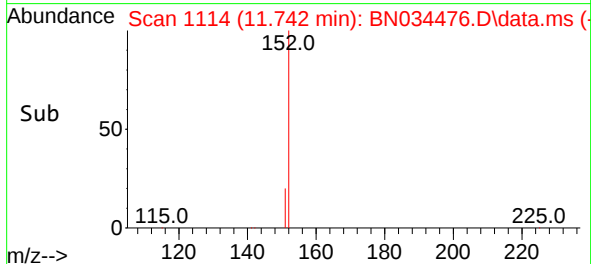
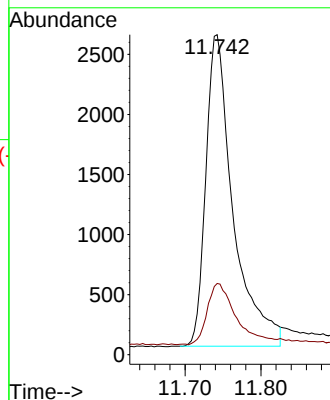
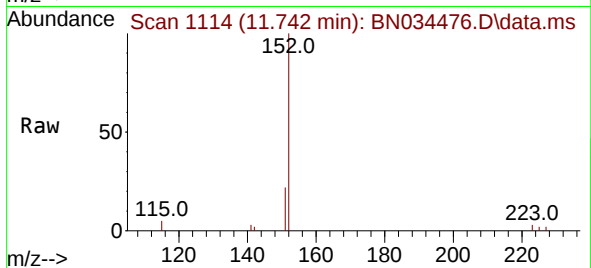
RW11-MW01S-20240924

Tgt Ion:152 Resp: 6490

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.030 min Scan# 1476

Delta R.T. -0.017 min

Lab File: BN034476.D

Acq: 08 Oct 2024 18:00

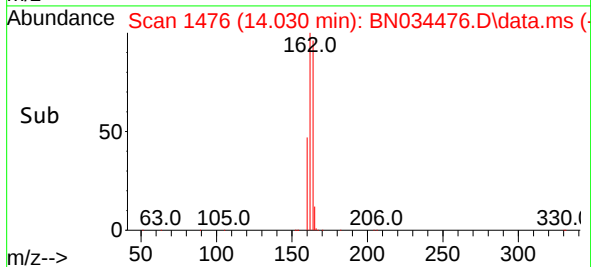
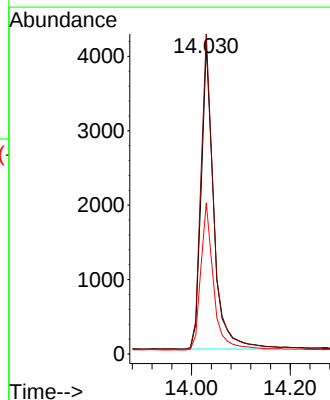
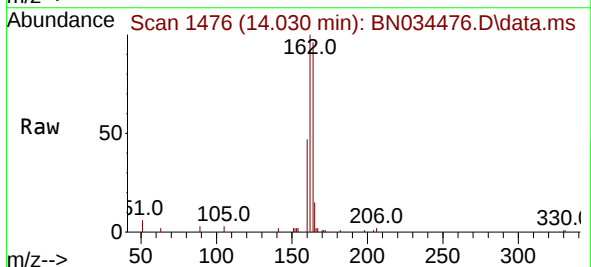
Tgt Ion:164 Resp: 7274

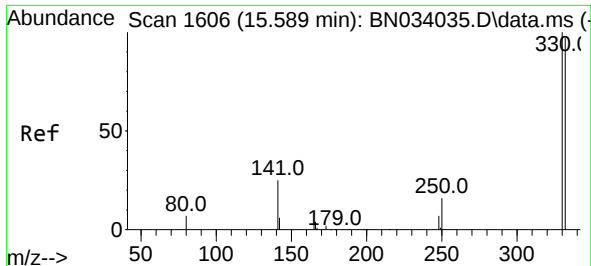
Ion Ratio Lower Upper

164 100

162 103.8 84.2 126.2

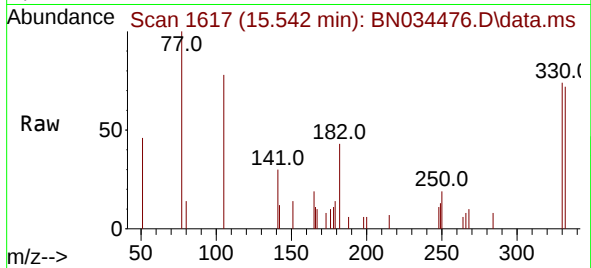
160 49.1 41.7 62.5



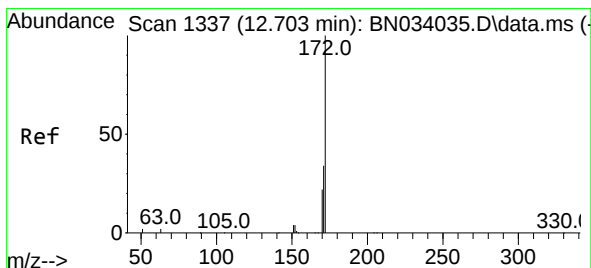
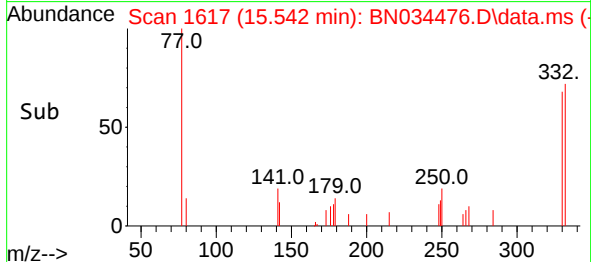
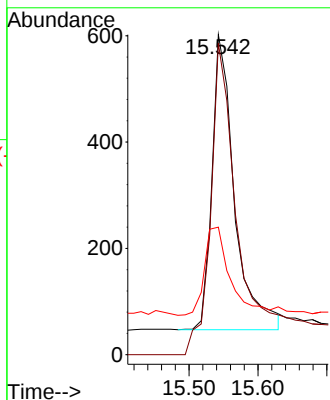


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20240924

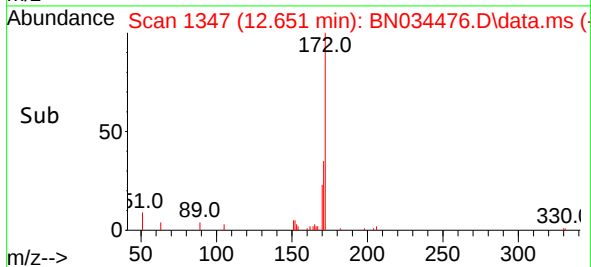
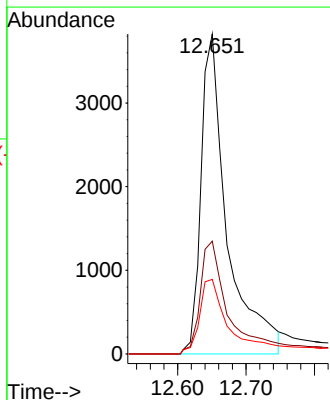
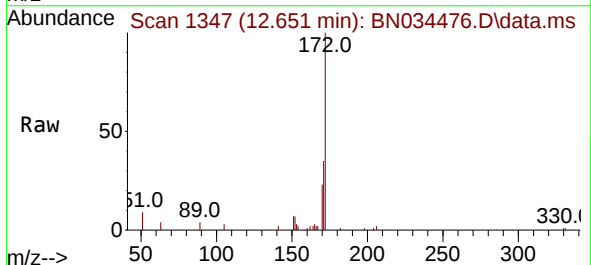


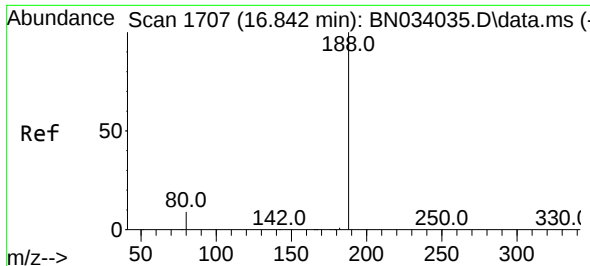
Tgt Ion:330 Resp: 1233
Ion Ratio Lower Upper
330 100
332 126.8 77.4 116.0#
141 34.1 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.651 min Scan# 1347
Delta R.T. -0.007 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

Tgt Ion:172 Resp: 9275
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 23.3 18.1 27.1

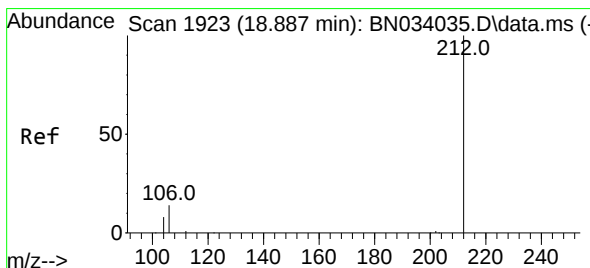
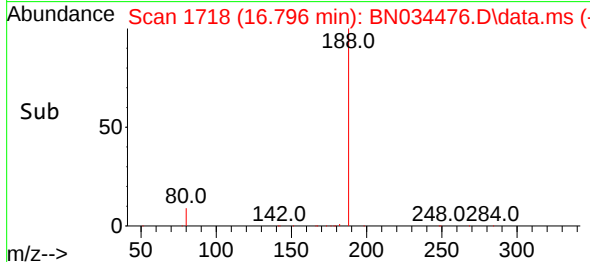
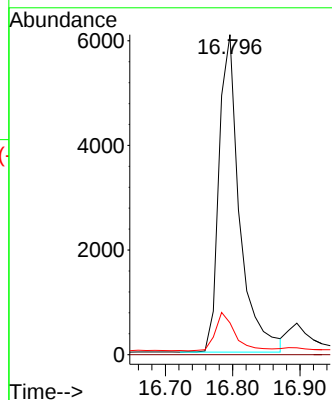
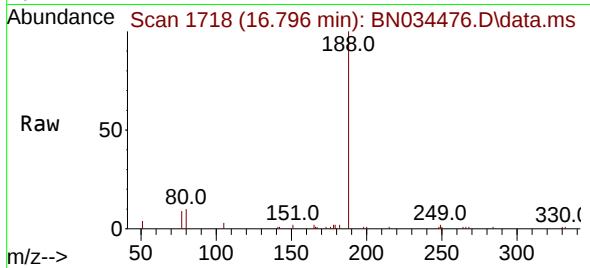




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

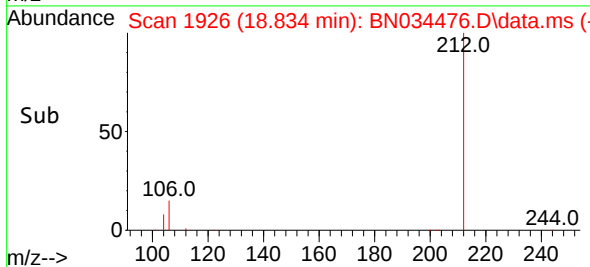
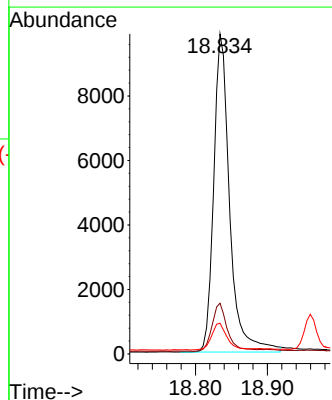
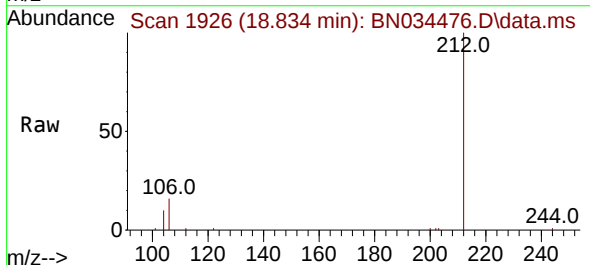
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20240924

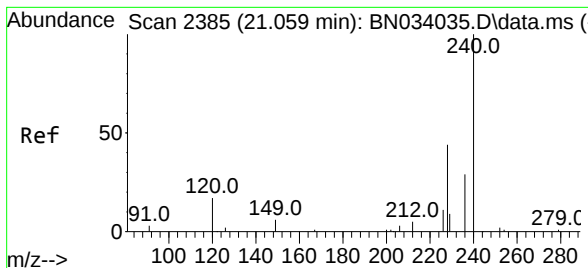
Tgt Ion:188 Resp: 12869
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 18.834 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

Tgt Ion:212 Resp: 15154
Ion Ratio Lower Upper
212 100
106 14.6 13.4 20.2
104 8.1 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.017 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN034476.D

Acq: 08 Oct 2024 18:00

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20240924

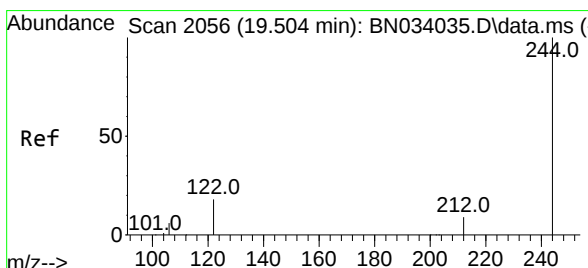
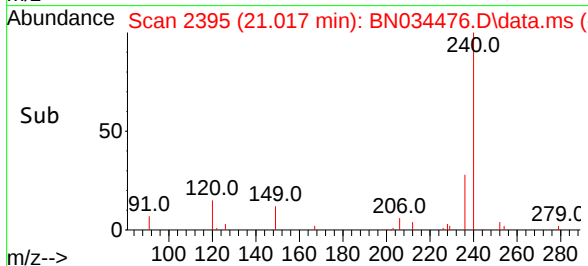
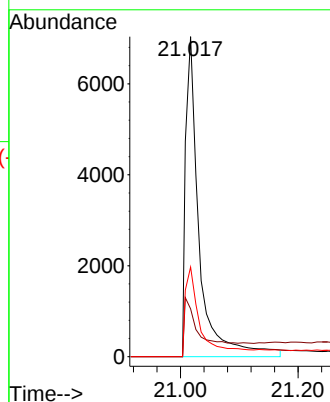
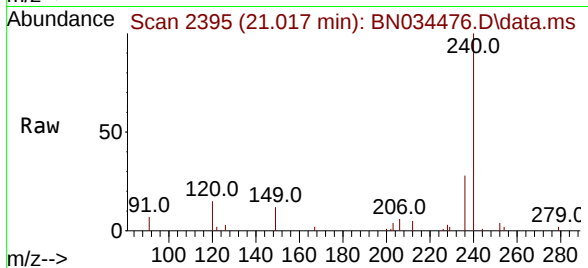
Tgt Ion:240 Resp: 11317

Ion Ratio Lower Upper

240 100

120 14.9 13.5 20.3

236 28.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.462 ng

RT: 19.457 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN034476.D

Acq: 08 Oct 2024 18:00

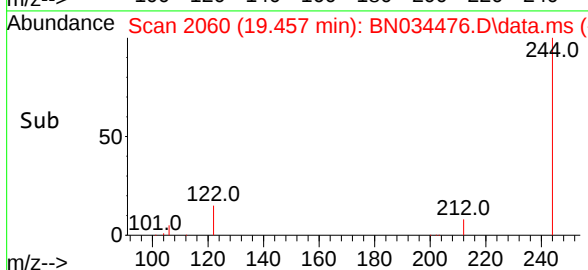
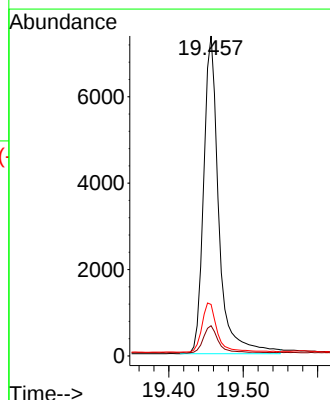
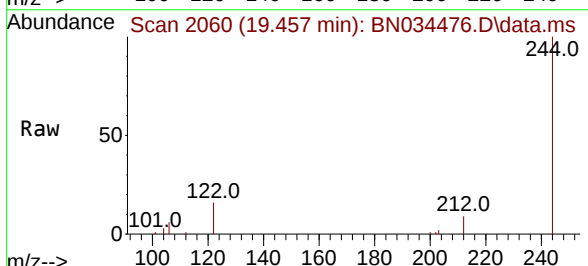
Tgt Ion:244 Resp: 10440

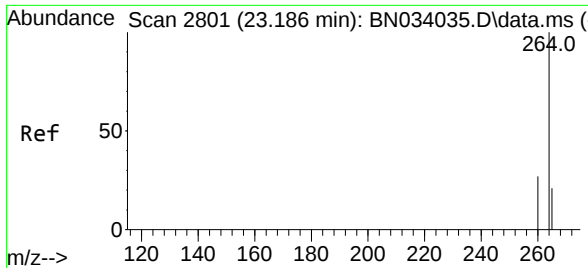
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

122 16.1 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.128 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN034476.D
Acq: 08 Oct 2024 18:00

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20240924

Tgt Ion:264	Resp:	12881
Ion Ratio	Lower	Upper
264	100	
260	26.4	21.7 32.5
265	80.0	52.1 78.1#

