

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
 Data File : BN036965.D
 Acq On : 07 May 2025 16:22
 Operator : RC/JU
 Sample : Q1943-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250501

Quant Time: May 07 16:50:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

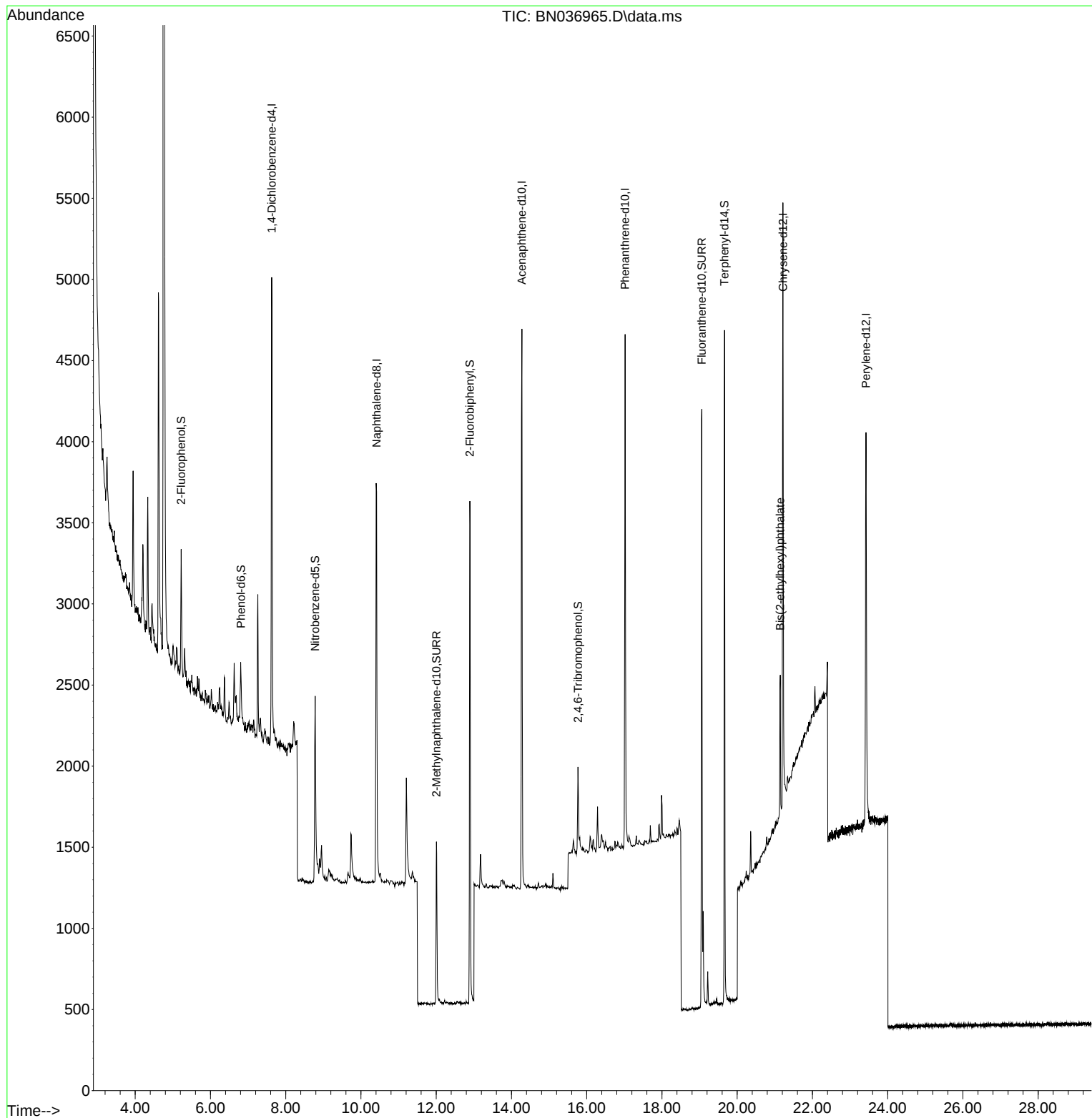
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1471	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3680	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2020	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4147	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3462	0.400	ng	0.00
35) Perylene-d12	23.424	264	3467	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	534	0.142	ng	0.00
5) Phenol-d6	6.809	99	372	0.080	ng	0.00
8) Nitrobenzene-d5	8.781	82	1150	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	1477	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	284	0.315	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	2861	0.293	ng	0.00
27) Fluoranthene-d10	19.059	212	4258	0.396	ng	0.00
31) Terphenyl-d14	19.662	244	3817	0.467	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.144	149	943	0.130	ng	96

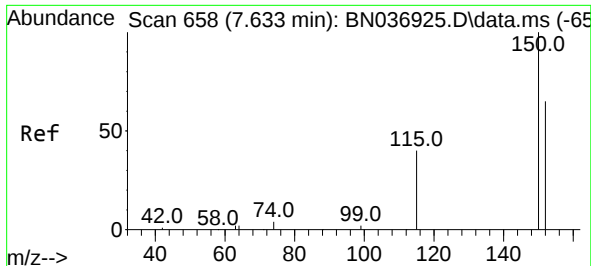
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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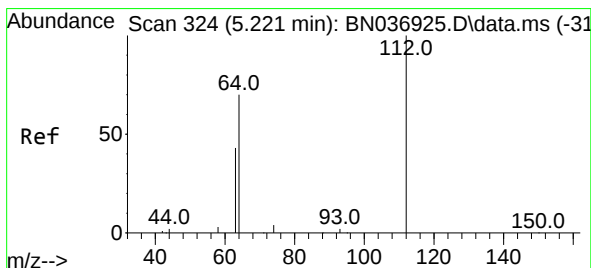
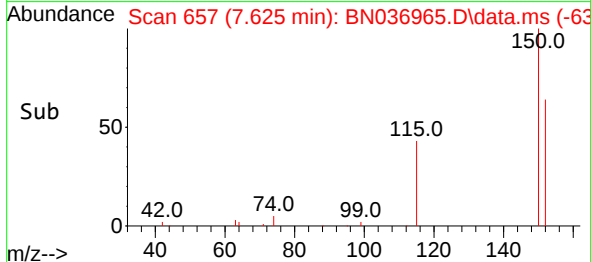
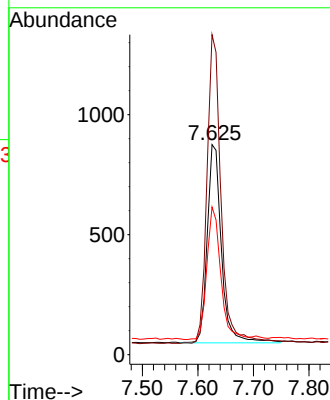
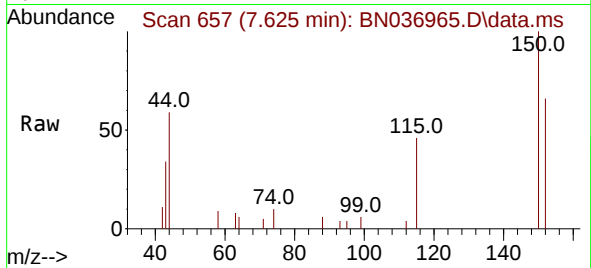




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.625 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN036965.D
 Acq: 07 May 2025 16:22

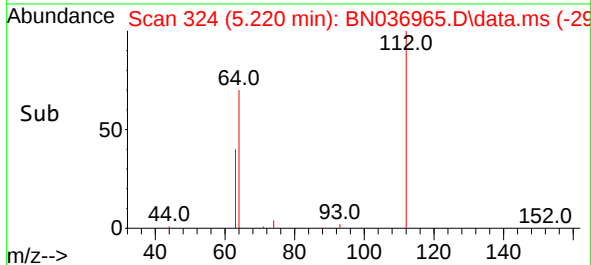
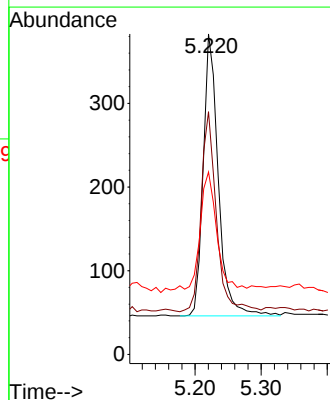
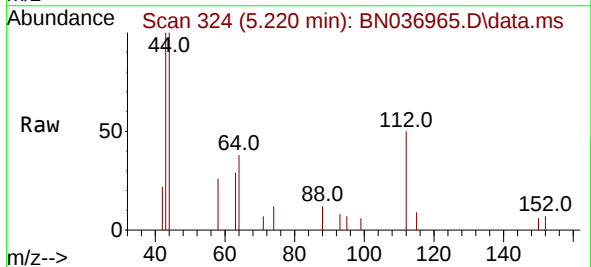
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250501

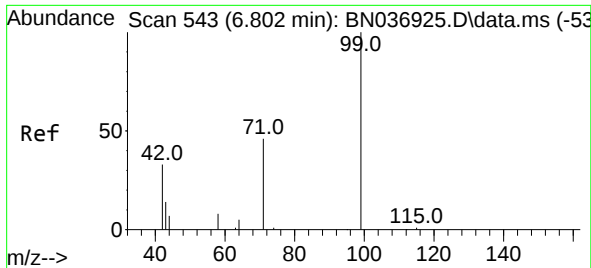
Tgt Ion:152 Resp: 1471
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.1 181.7
 115 70.3 51.8 77.6



#4
 2-Fluorophenol
 Concen: 0.142 ng
 RT: 5.220 min Scan# 324
 Delta R.T. -0.000 min
 Lab File: BN036965.D
 Acq: 07 May 2025 16:22

Tgt Ion:112 Resp: 534
 Ion Ratio Lower Upper
 112 100
 64 71.9 55.7 83.5
 63 50.0 33.9 50.9

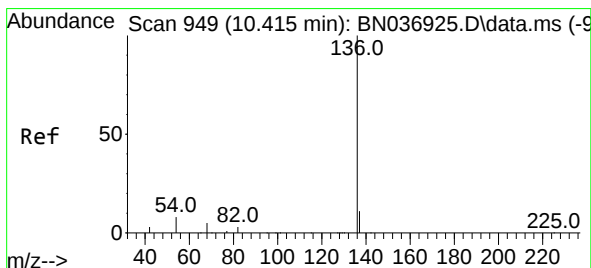
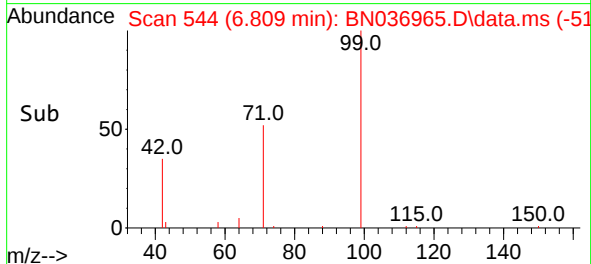
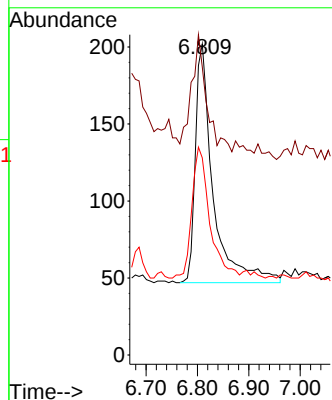
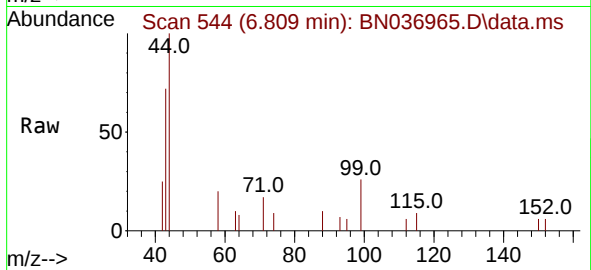




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.809 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

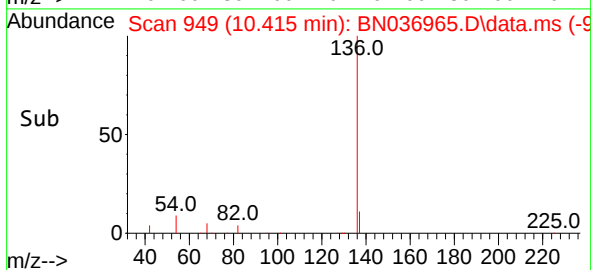
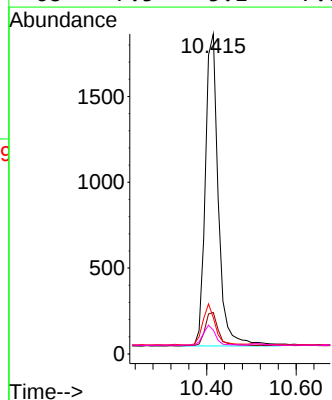
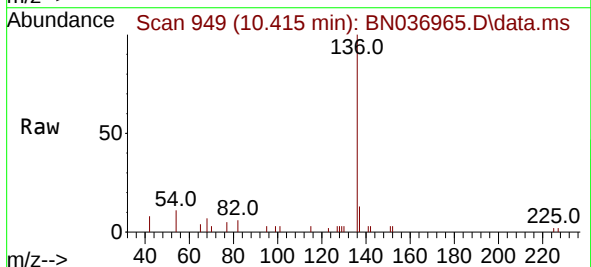
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250501

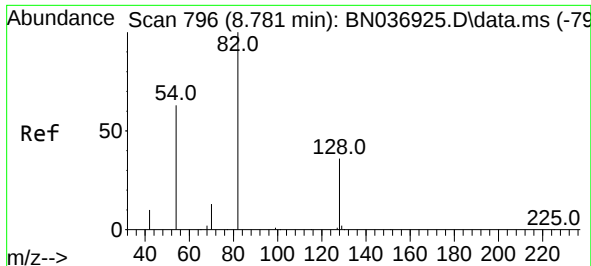
Tgt Ion: 99 Resp: 372
Ion Ratio Lower Upper
99 100
42 41.7 29.6 44.4
71 54.8 36.0 54.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

Tgt Ion: 136 Resp: 3680
Ion Ratio Lower Upper
136 100
137 12.9 9.7 14.5
54 11.3 8.0 12.0
68 7.5 5.1 7.7

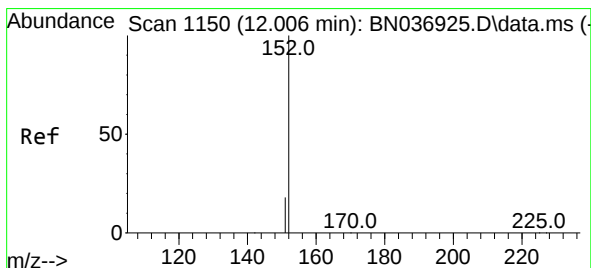
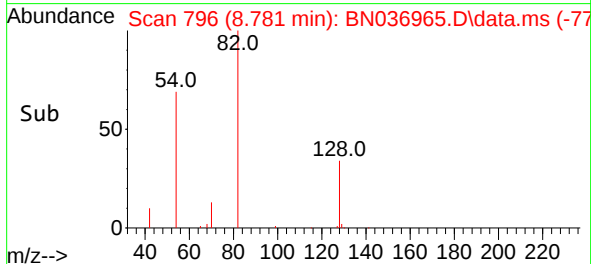
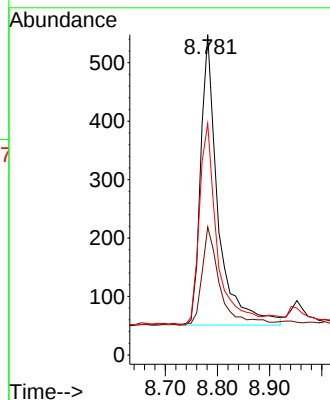
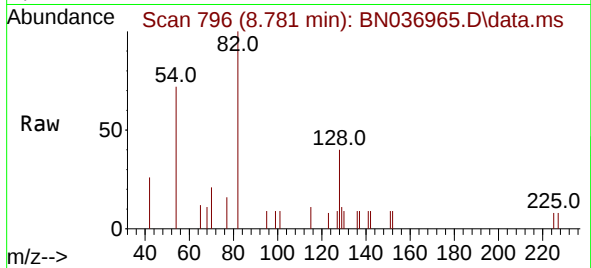




#8
 Nitrobenzene-d5
 Concen: 0.299 ng
 RT: 8.781 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BN036965.D
 Acq: 07 May 2025 16:22

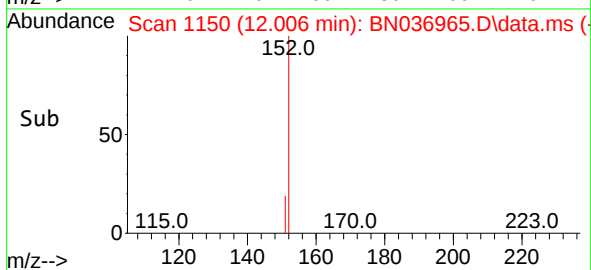
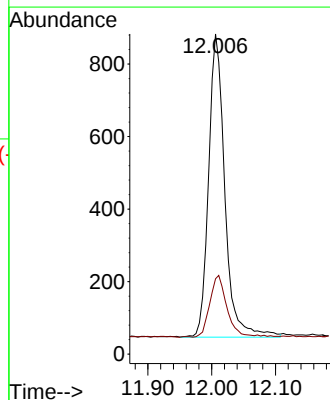
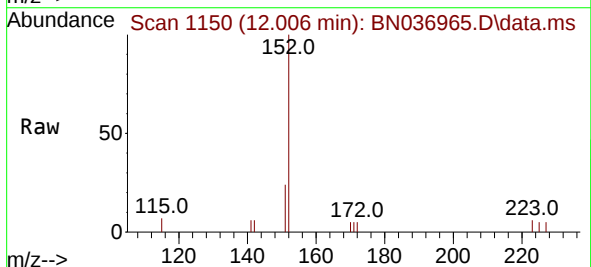
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250501

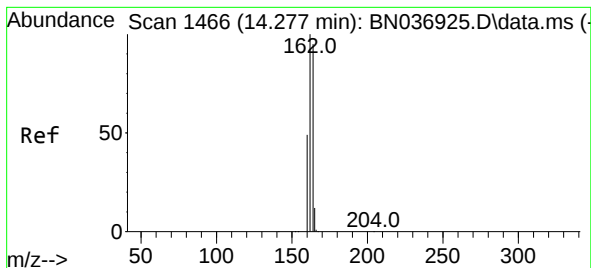
Tgt Ion: 82 Resp: 1150
 Ion Ratio Lower Upper
 82 100
 128 40.0 30.7 46.1
 54 72.3 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.287 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. -0.000 min
 Lab File: BN036965.D
 Acq: 07 May 2025 16:22

Tgt Ion: 152 Resp: 1477
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.9 25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN036965.D

Acq: 07 May 2025 16:22

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20250501

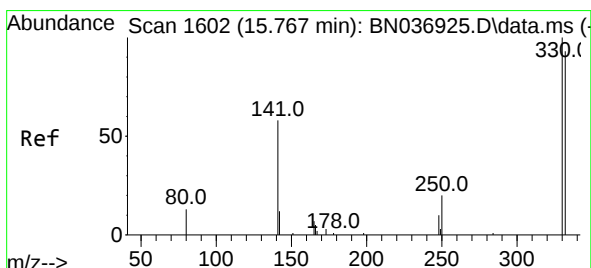
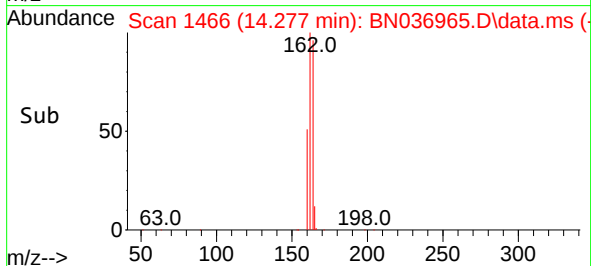
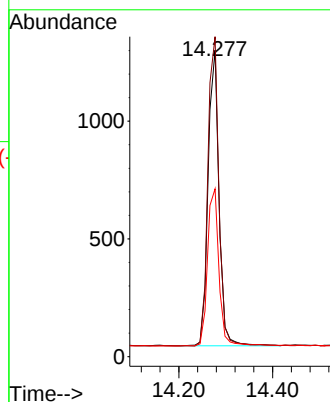
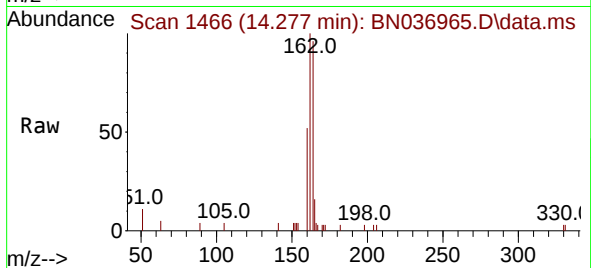
Tgt Ion:164 Resp: 2020

Ion Ratio Lower Upper

164 100

162 104.4 83.8 125.8

160 54.8 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.315 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN036965.D

Acq: 07 May 2025 16:22

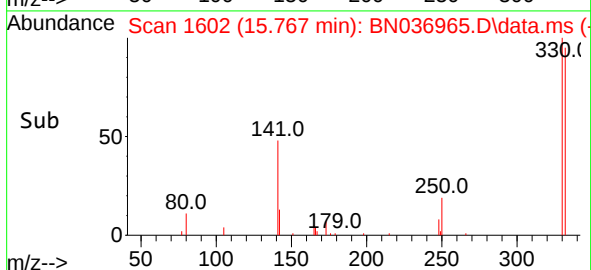
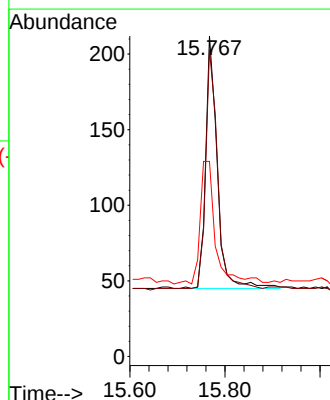
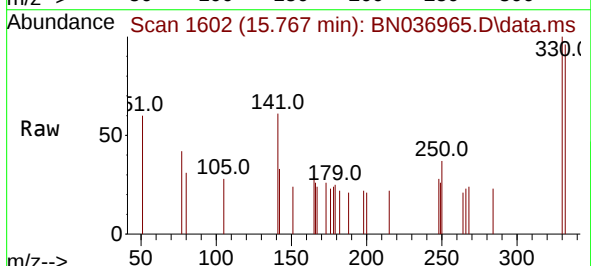
Tgt Ion:330 Resp: 284

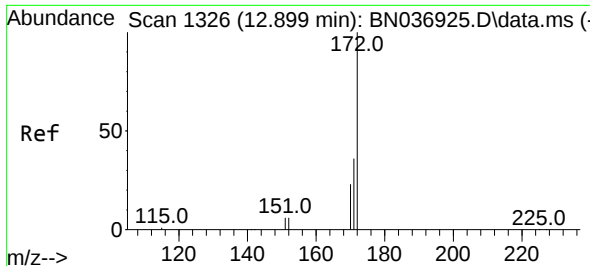
Ion Ratio Lower Upper

330 100

332 96.1 76.3 114.5

141 64.4 45.4 68.2

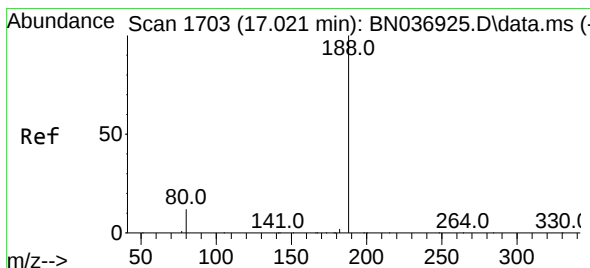
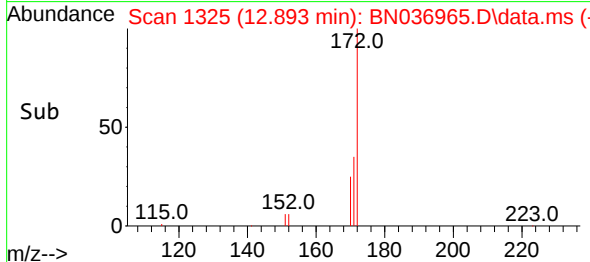
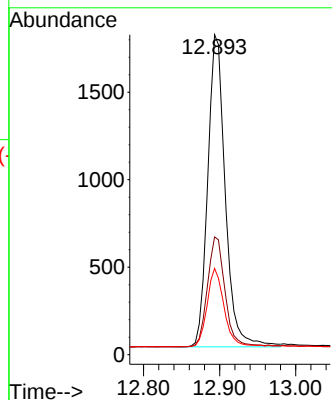
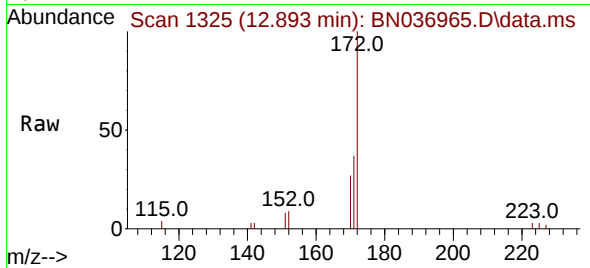




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.893 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

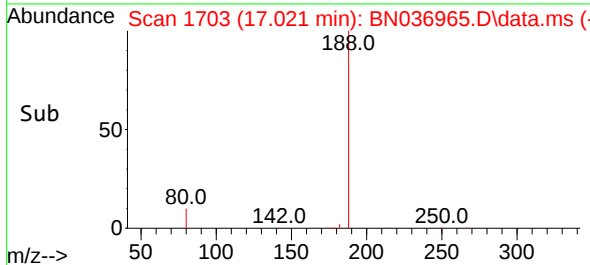
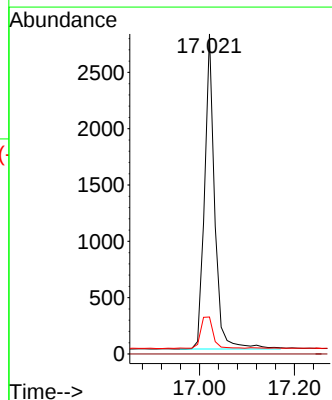
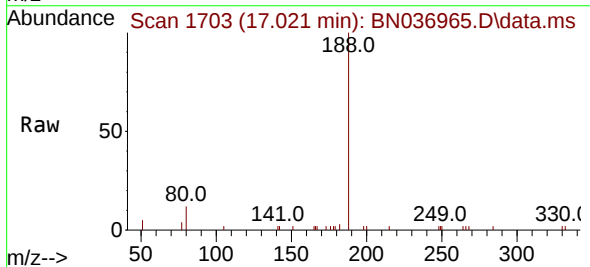
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250501

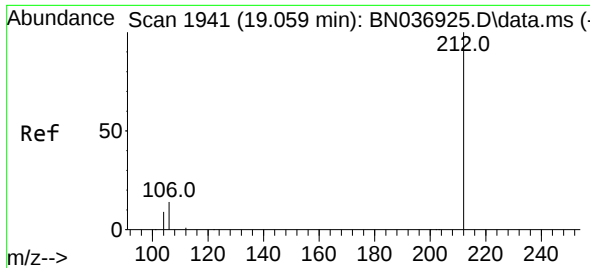
Tgt Ion:172 Resp: 2861
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 27.0 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

Tgt Ion:188 Resp: 4147
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 10.7 16.1

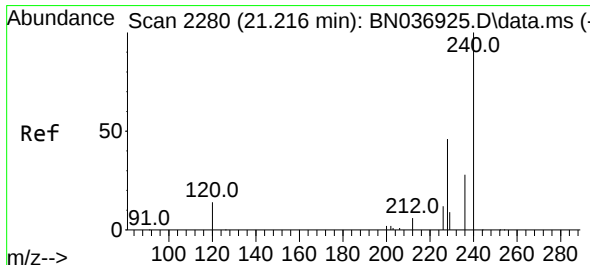
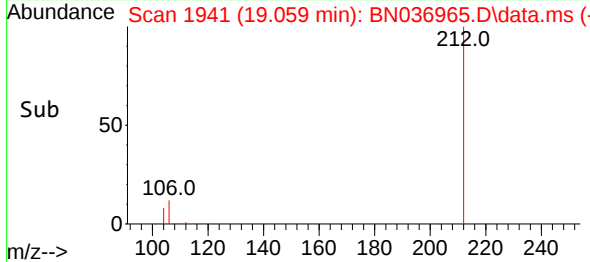
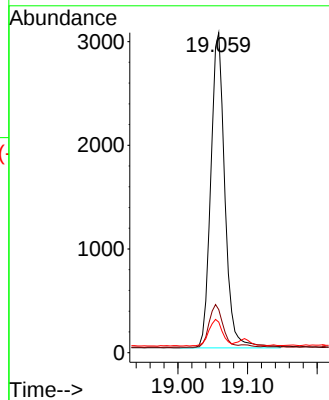
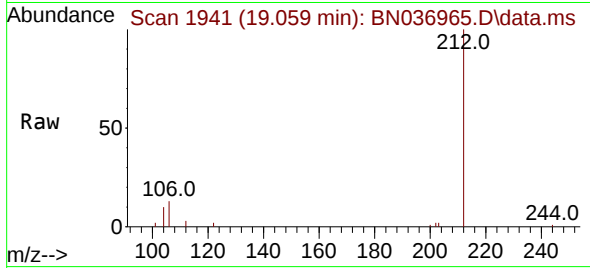




#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

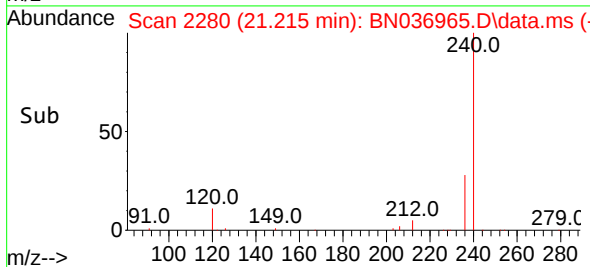
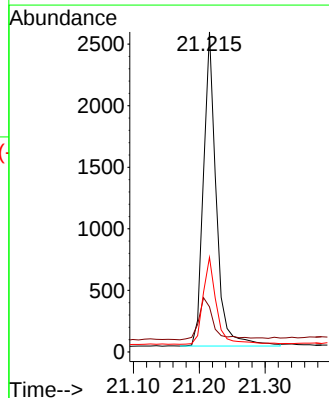
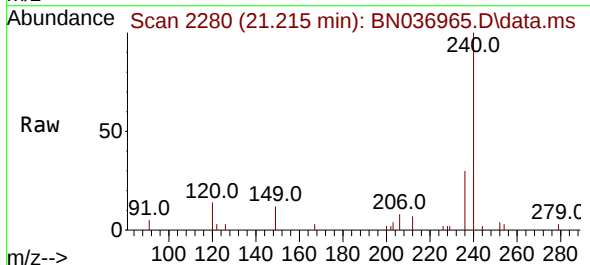
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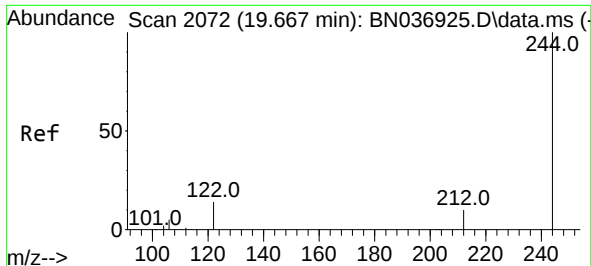
Tgt Ion:212 Resp: 4258
Ion Ratio Lower Upper
212 100
106 13.3 11.6 17.4
104 8.1 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

Tgt Ion:240 Resp: 3462
Ion Ratio Lower Upper
240 100
120 14.1 14.1 21.1
236 29.5 23.8 35.8

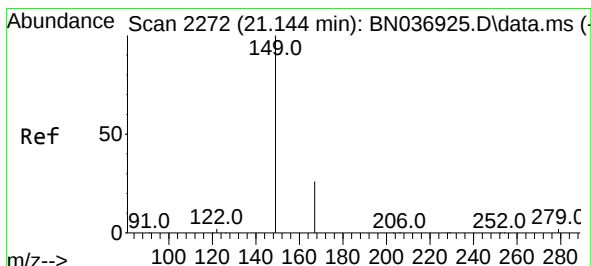
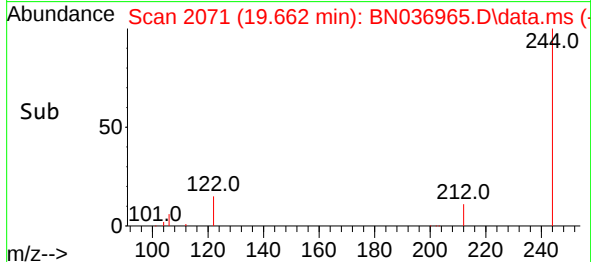
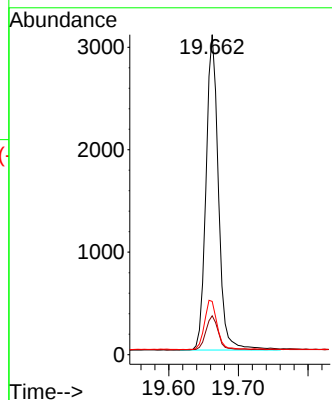
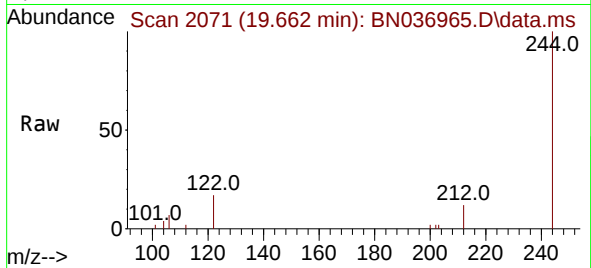




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.662 min Scan# 2072
 Delta R.T. -0.005 min
 Lab File: BN036965.D
 Acq: 07 May 2025 16:22

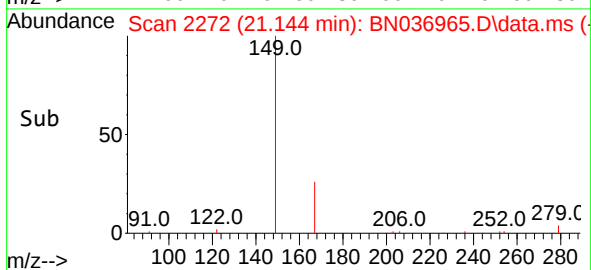
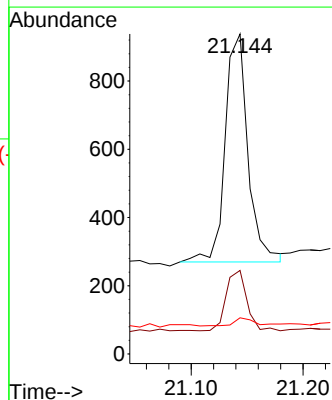
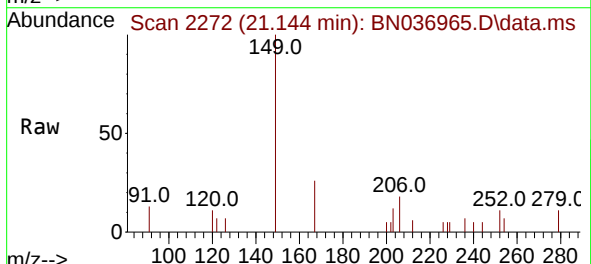
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250501

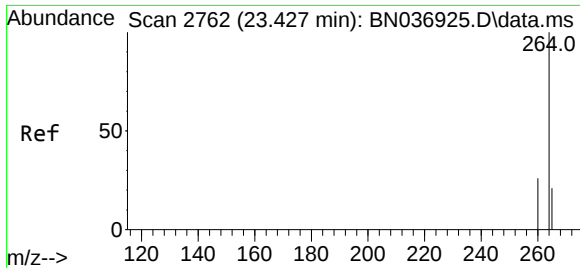
Tgt Ion:244 Resp: 3817
 Ion Ratio Lower Upper
 244 100
 212 12.1 9.6 14.4
 122 16.7 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.144 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BN036965.D
 Acq: 07 May 2025 16:22

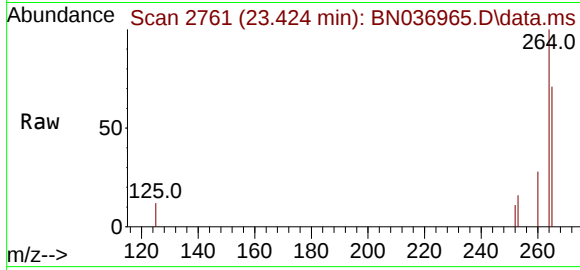
Tgt Ion:149 Resp: 943
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.0 31.6
 279 2.9 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.424 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036965.D
Acq: 07 May 2025 16:22

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250501



Tgt Ion:264 Resp: 3467

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	71.2	65.8	98.6

