

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
 Data File : BN036966.D
 Acq On : 07 May 2025 16:58
 Operator : RC/JU
 Sample : Q1943-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250501

Quant Time: May 07 17:19:59 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)

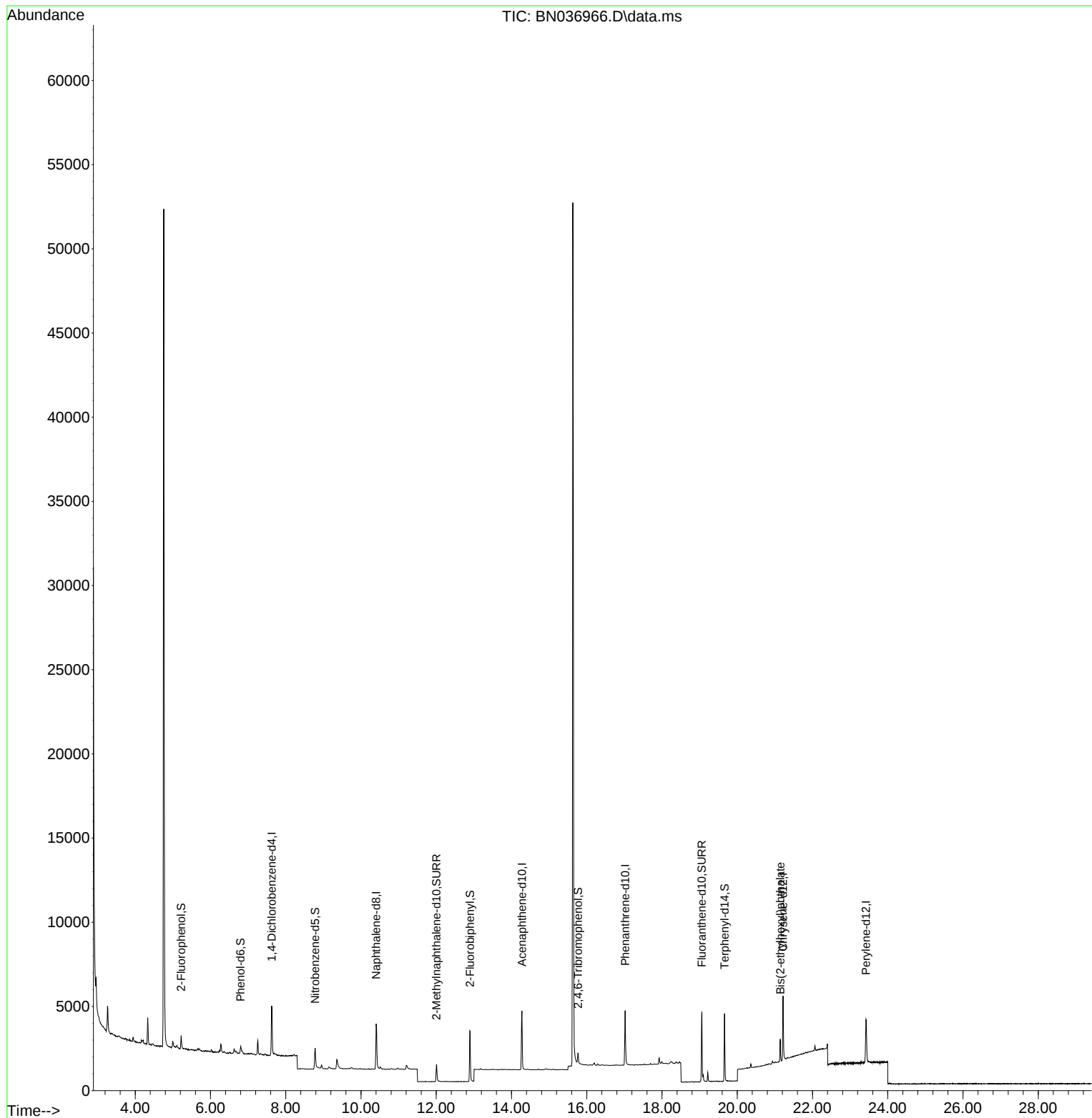
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	1507	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	3748	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2062	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4292	0.400	ng	0.00
29) Chrysene-d12	21.216	240	3769	0.400	ng	0.00
35) Perylene-d12	23.421	264	3573	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	527	0.137	ng	0.00
5) Phenol-d6	6.802	99	358	0.075	ng	0.00
8) Nitrobenzene-d5	8.781	82	1211	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	1576	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	317	0.345	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	2840	0.285	ng	0.00
27) Fluoranthene-d10	19.059	212	4631	0.416	ng	0.00
31) Terphenyl-d14	19.663	244	3837	0.431	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.144	149	1270	0.161	ng	97

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

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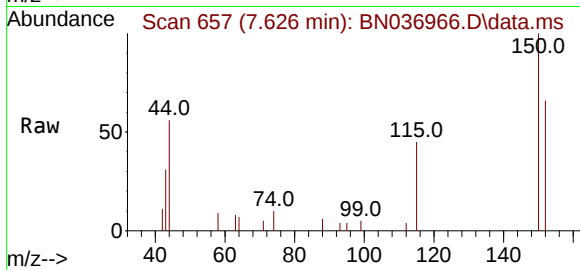
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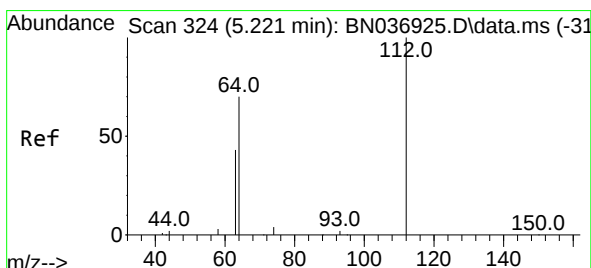
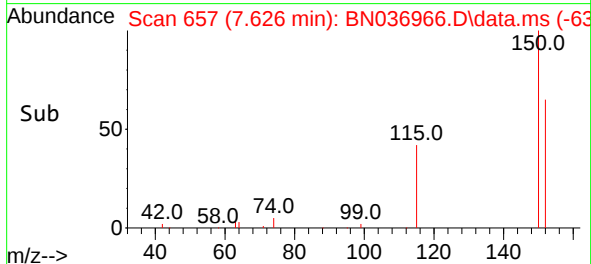
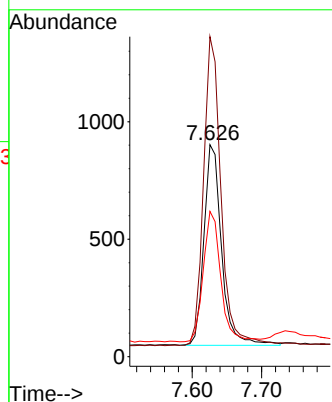


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.626 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250501

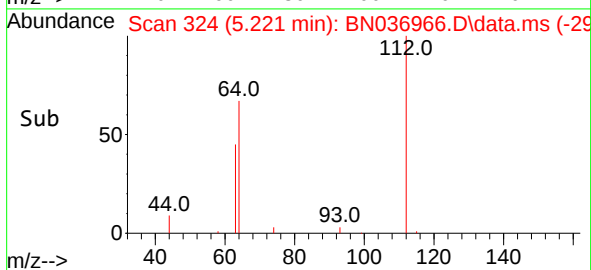
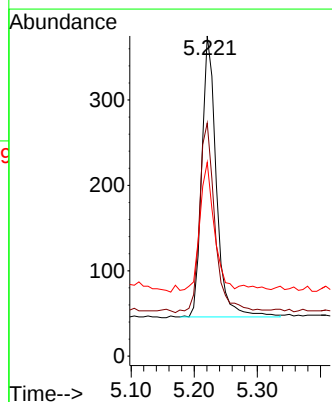
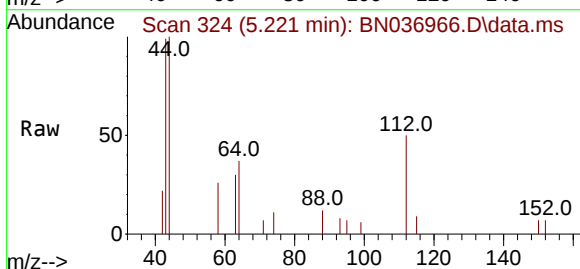


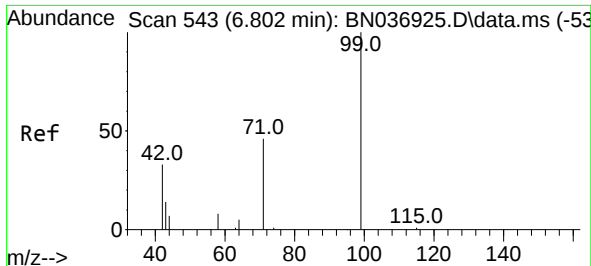
Tgt Ion:152 Resp: 1507
Ion Ratio Lower Upper
152 100
150 151.0 121.1 181.7
115 68.5 51.8 77.6



#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.221 min Scan# 324
Delta R.T. 0.000 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

Tgt Ion:112 Resp: 527
Ion Ratio Lower Upper
112 100
64 72.1 55.7 83.5
63 44.4 33.9 50.9

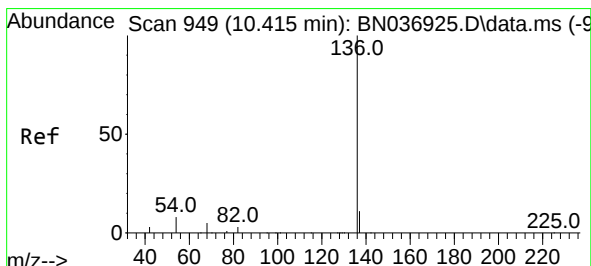
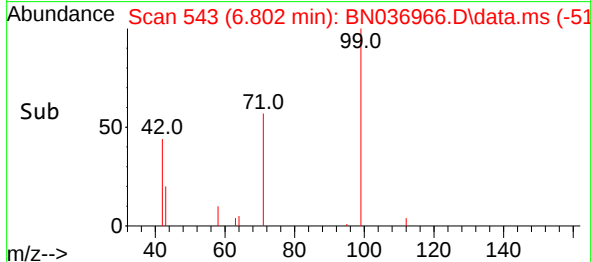
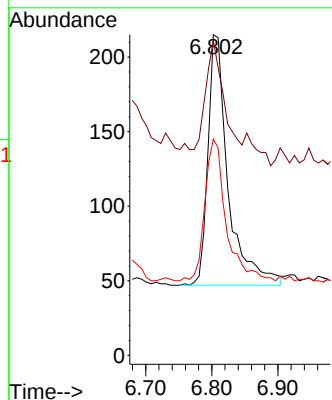
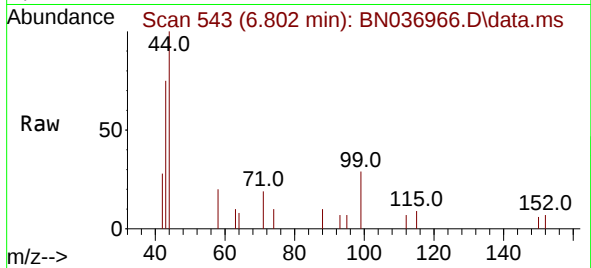




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.802 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

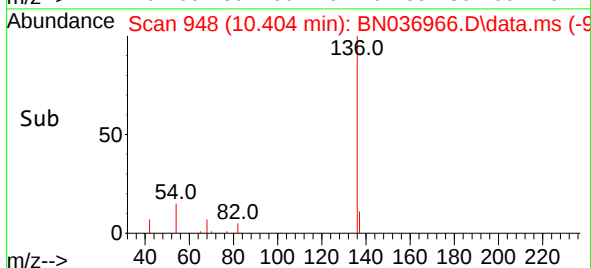
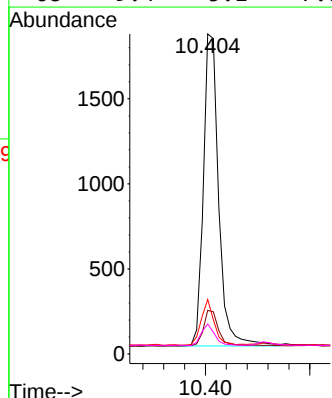
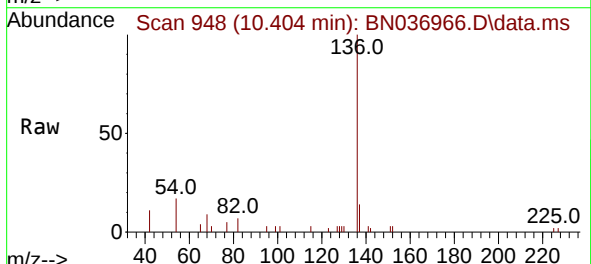
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250501

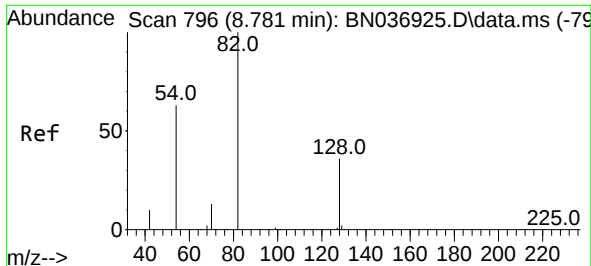
Tgt Ion: 99 Resp: 358
Ion Ratio Lower Upper
99 100
42 35.8 29.6 44.4
71 58.7 36.0 54.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

Tgt Ion: 136 Resp: 3748
Ion Ratio Lower Upper
136 100
137 13.6 9.7 14.5
54 17.0 8.0 12.0#
68 9.4 5.1 7.7#

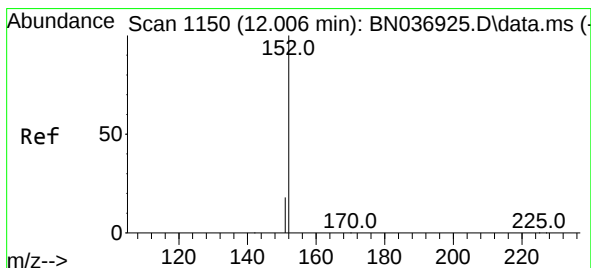
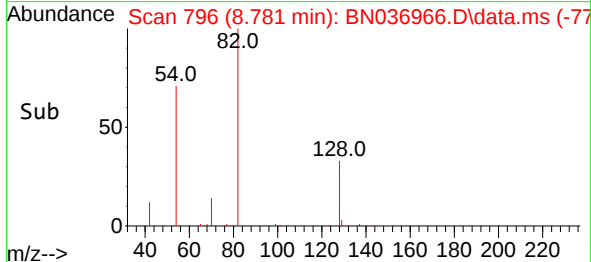
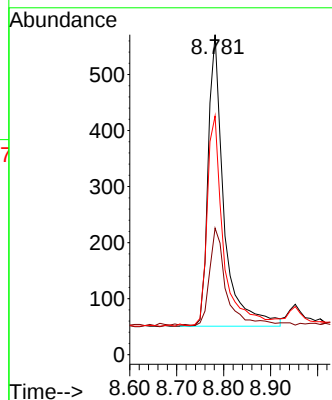
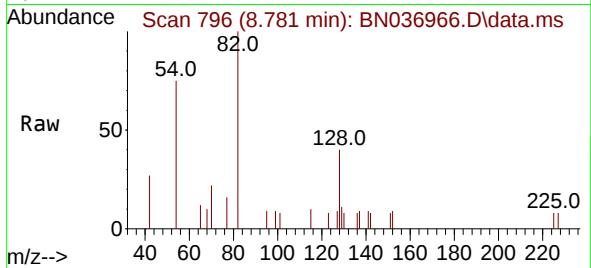




#8
 Nitrobenzene-d5
 Concen: 0.309 ng
 RT: 8.781 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BN036966.D
 Acq: 07 May 2025 16:58

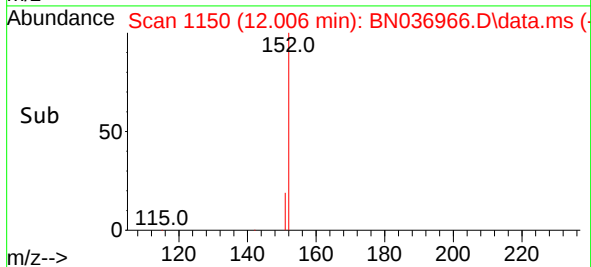
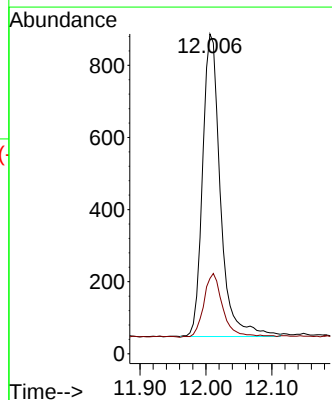
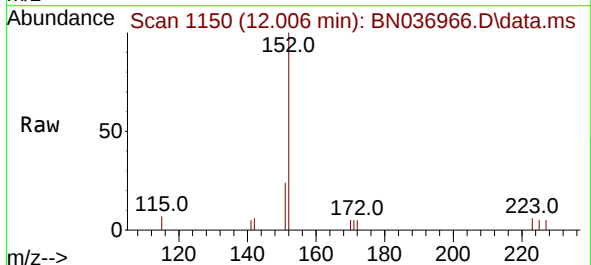
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250501

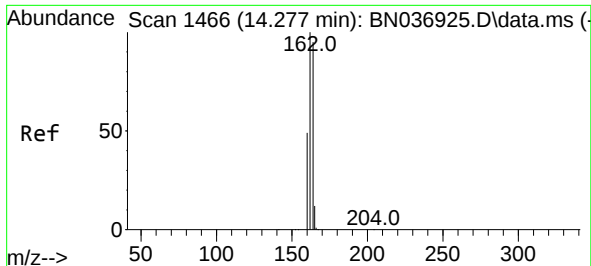
Tgt Ion:	82	Resp:	1211
Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.7	46.1
54	74.6	52.1	78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. 0.000 min
 Lab File: BN036966.D
 Acq: 07 May 2025 16:58

Tgt Ion:	152	Resp:	1576
Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.9	25.3

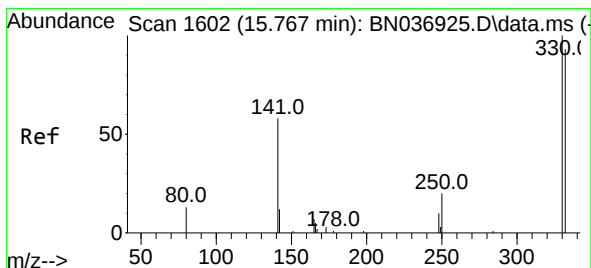
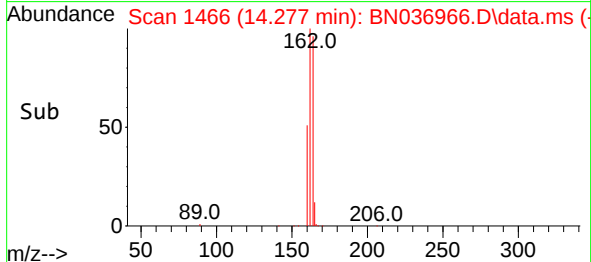
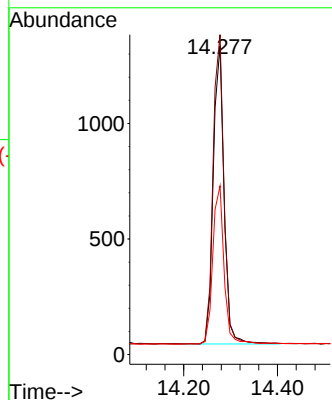
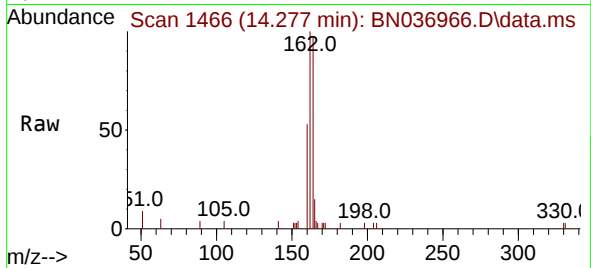




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

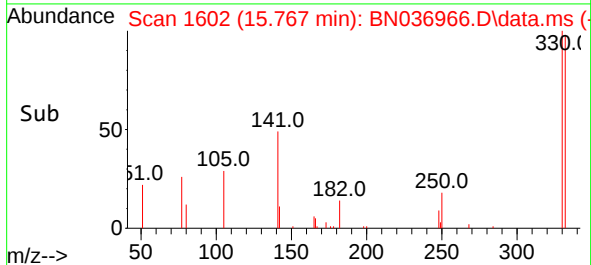
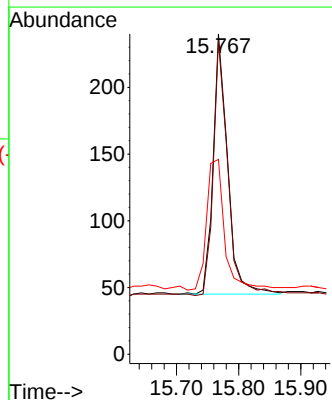
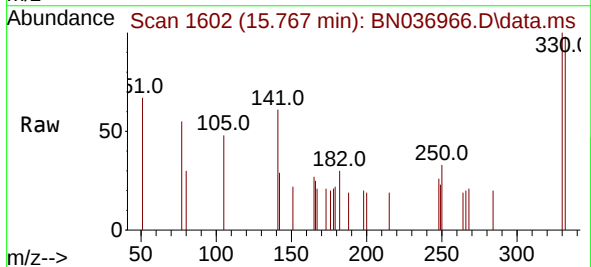
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250501

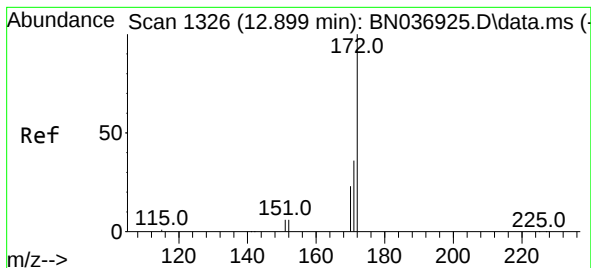
Tgt Ion:	164	Resp:	2062
Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.8	125.8
160	54.6	42.0	63.0



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

Tgt Ion:	330	Resp:	317
Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.3	114.5
141	63.1	45.4	68.2





#15

2-Fluorobiphenyl

Concen: 0.285 ng

RT: 12.899 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036966.D

Acq: 07 May 2025 16:58

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250501

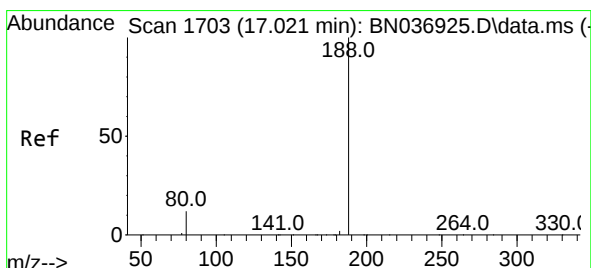
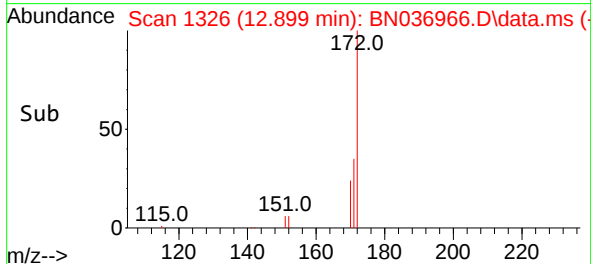
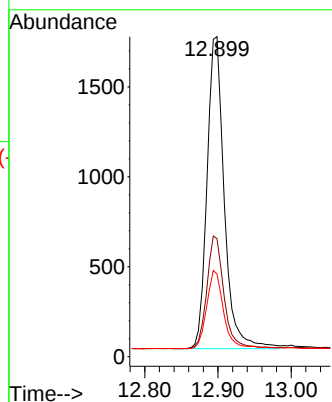
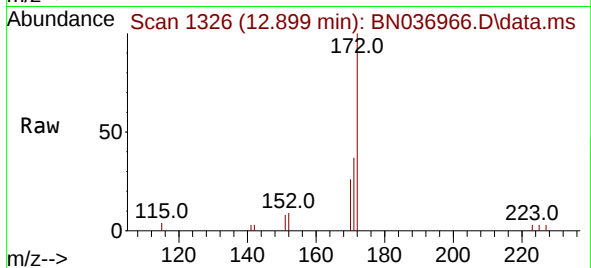
Tgt Ion:172 Resp: 2840

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

170 25.9 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: BN036966.D

Acq: 07 May 2025 16:58

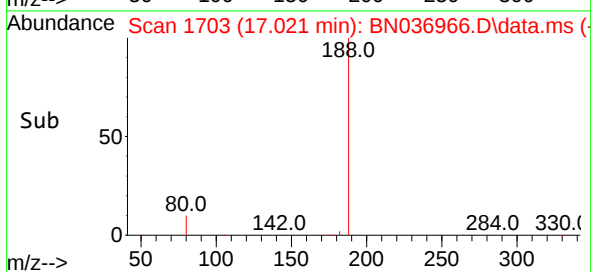
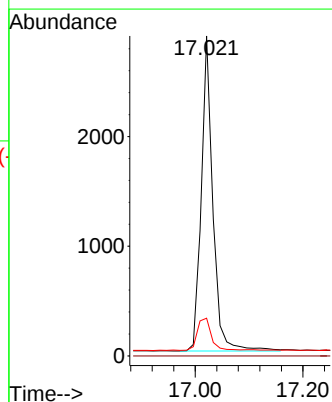
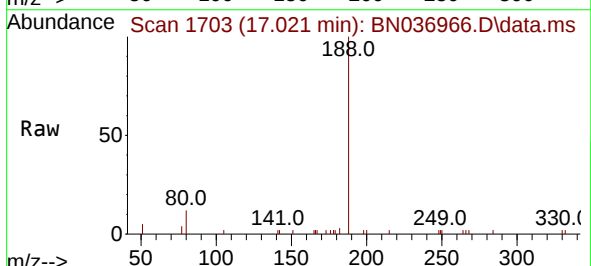
Tgt Ion:188 Resp: 4292

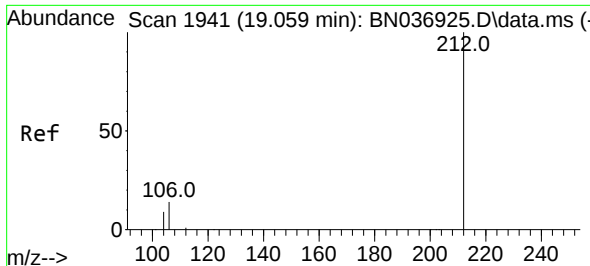
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 10.7 16.1

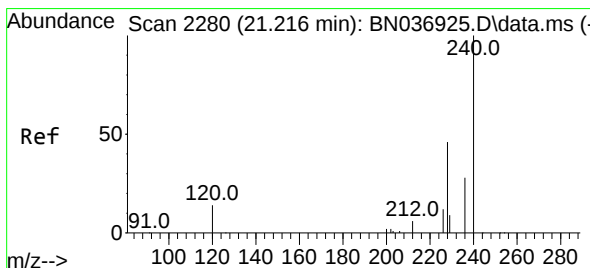
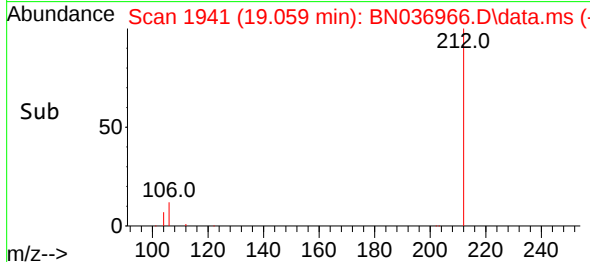
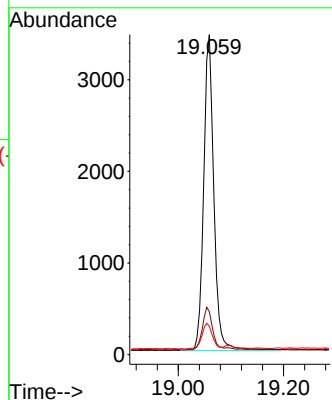
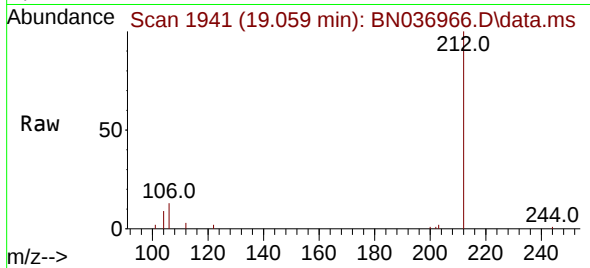




#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.059 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

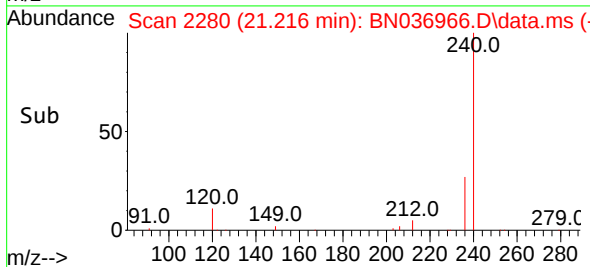
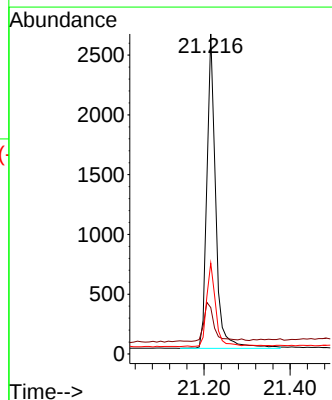
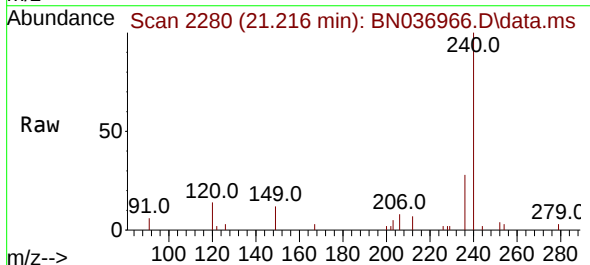
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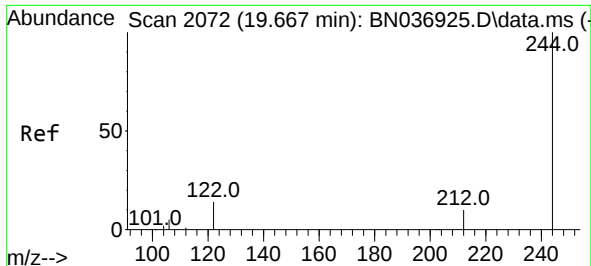
Tgt Ion:212 Resp: 4631
Ion Ratio Lower Upper
212 100
106 13.8 11.6 17.4
104 8.2 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BN036966.D
Acq: 07 May 2025 16:58

Tgt Ion:240 Resp: 3769
Ion Ratio Lower Upper
240 100
120 14.5 14.1 21.1
236 28.4 23.8 35.8

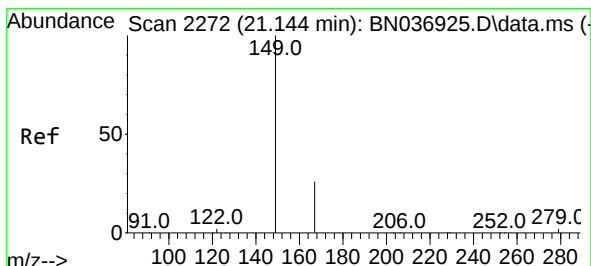
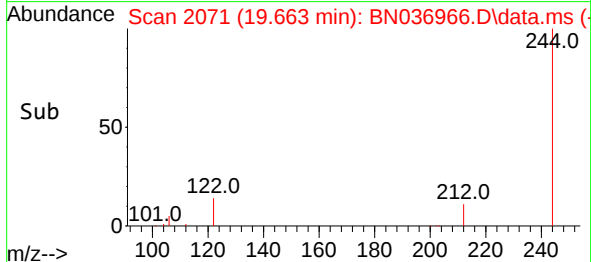
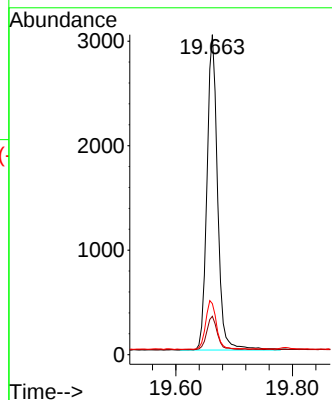
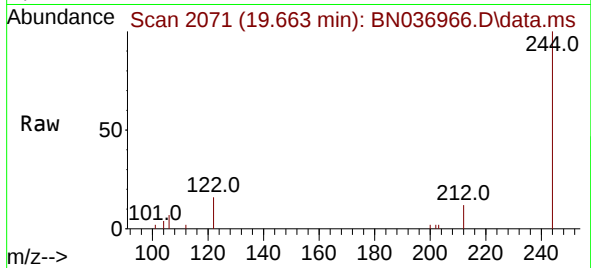




#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.663 min Scan# 2072
 Delta R.T. -0.005 min
 Lab File: BN036966.D
 Acq: 07 May 2025 16:58

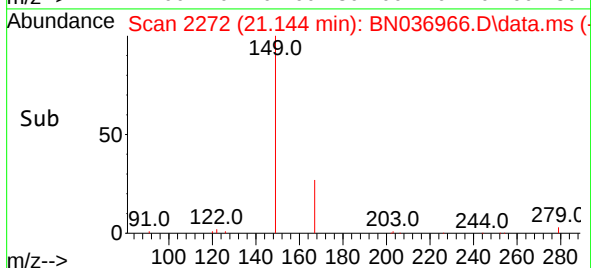
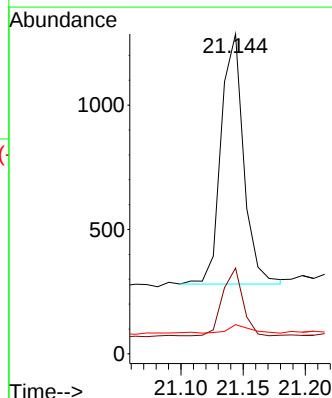
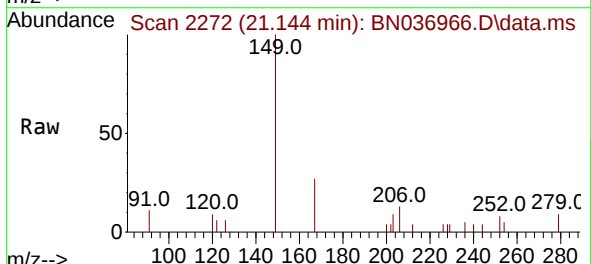
Instrument :
 BNA_N
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 RW5-SP303-20250501

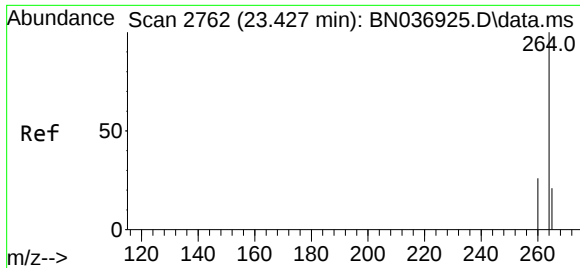
Tgt Ion:244 Resp: 3837
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.6 14.4
 122 16.0 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.144 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BN036966.D
 Acq: 07 May 2025 16:58

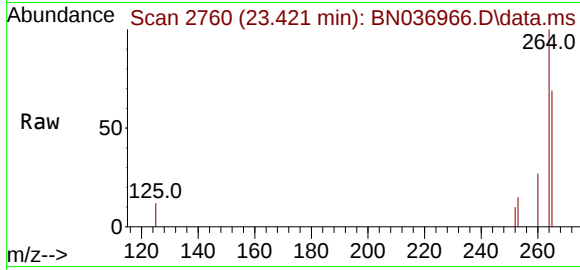
Tgt Ion:149 Resp: 1270
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.0 31.6
 279 3.2 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036966.D
 Acq: 07 May 2025 16:58

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250501



Tgt Ion:264 Resp: 3573

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.2	33.2
265	68.7	65.8	98.6

