

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
 Data File : BN037078.D
 Acq On : 20 May 2025 17:35
 Operator : RC/JU
 Sample : Q2063-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250515

Quant Time: May 21 01:38:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

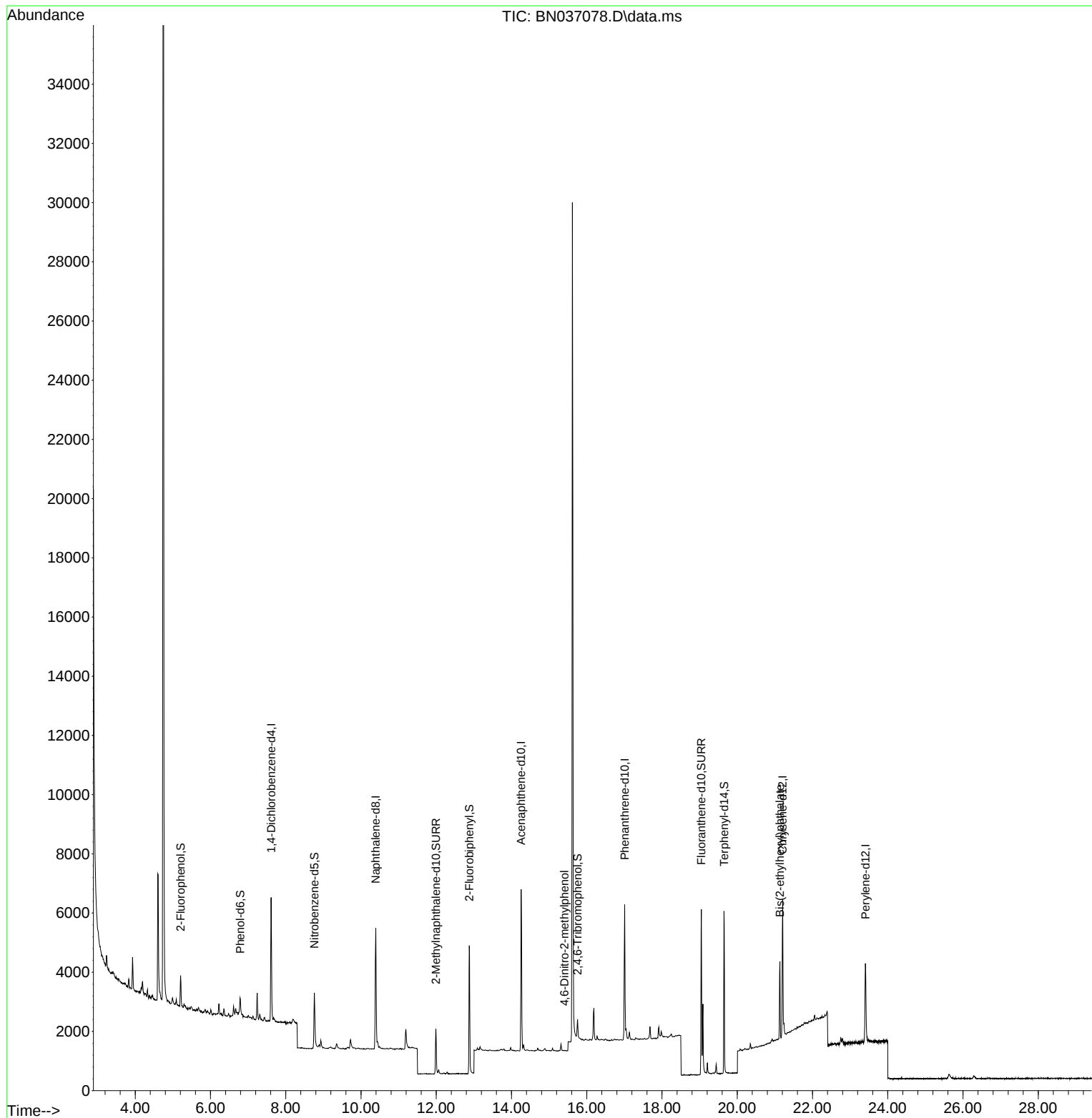
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2023	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5257	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2991	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	6089	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	4329	0.400	ng	# 0.00
35) Perylene-d12	23.407	264	3603	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	691	0.130	ng	0.00
5) Phenol-d6	6.788	99	490	0.074	ng	0.00
8) Nitrobenzene-d5	8.760	82	1643	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2168	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	347	0.264	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3946	0.288	ng	0.00
27) Fluoranthene-d10	19.045	212	5909	0.354	ng	0.00
31) Terphenyl-d14	19.649	244	4922	0.532	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.411	198	7	0.029	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	2485	0.248	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037078.D
Acq On : 20 May 2025 17:35
Operator : RC/JU
Sample : Q2063-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250515

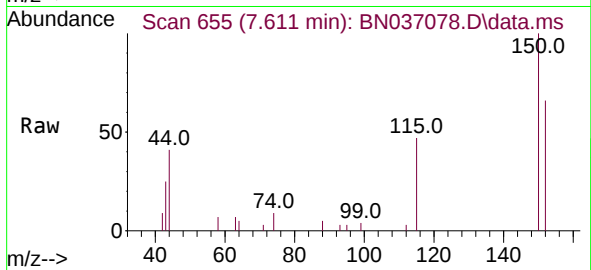
Quant Time: May 21 01:38:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





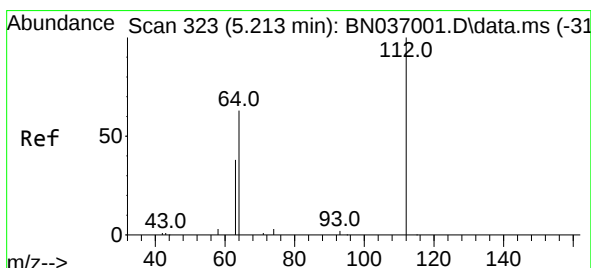
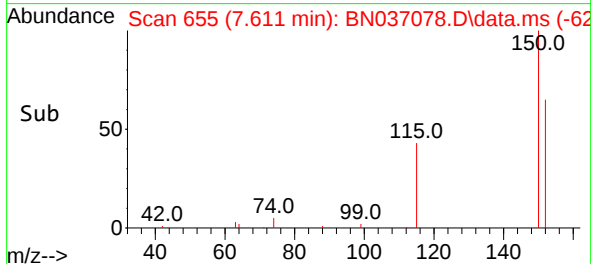
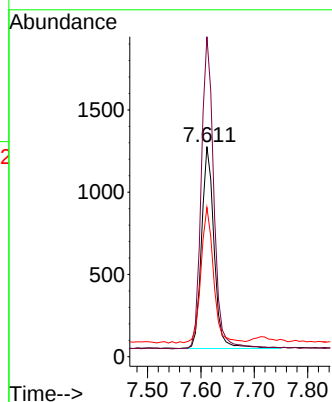
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 611
Delta R.T. -0.007 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250515



Tgt Ion:152 Resp: 2023

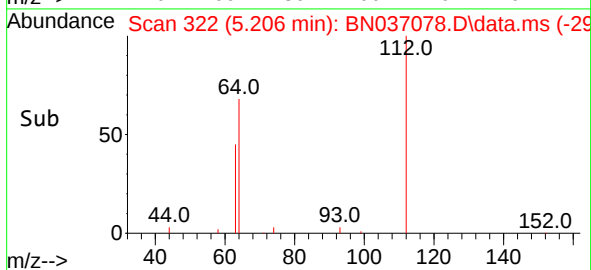
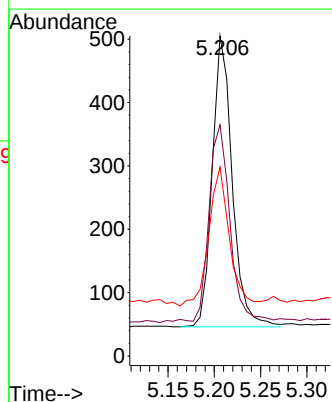
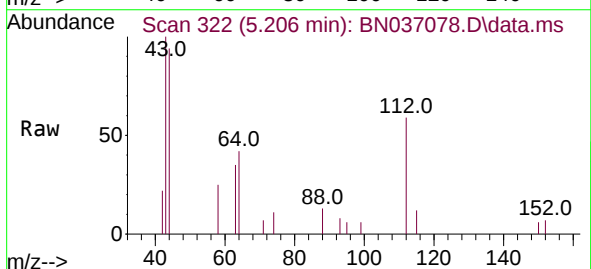
Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.9	185.9
115	71.1	55.8	83.8

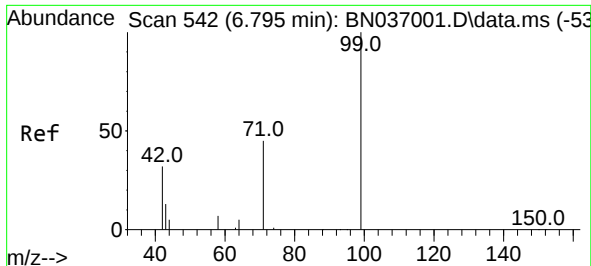


#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

Tgt Ion:112 Resp: 691

Ion	Ratio	Lower	Upper
112	100		
64	71.9	55.7	83.5
63	48.5	34.6	51.8

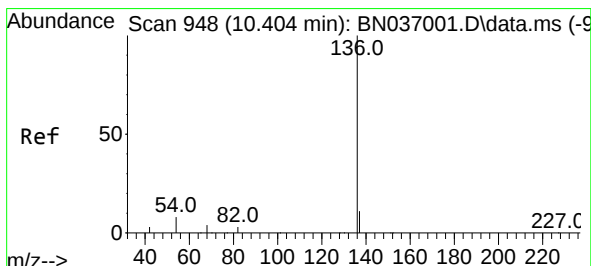
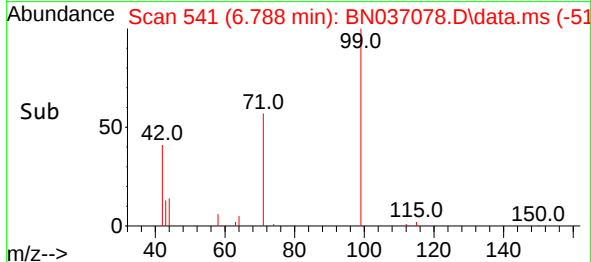
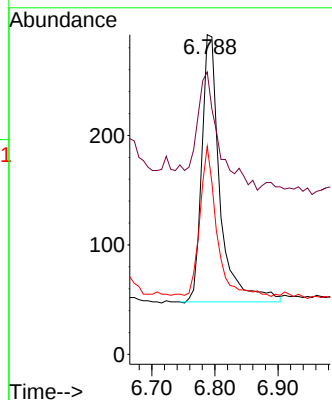
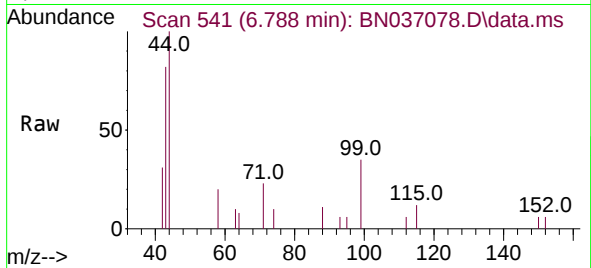




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

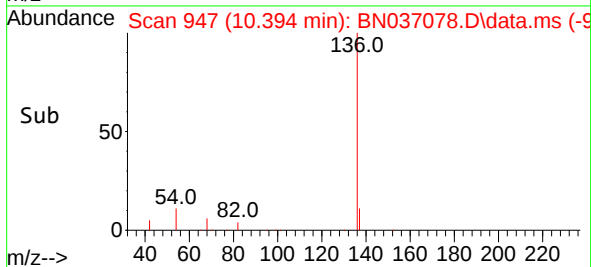
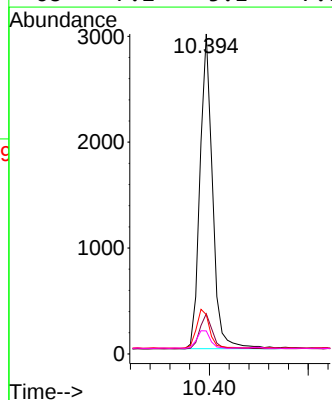
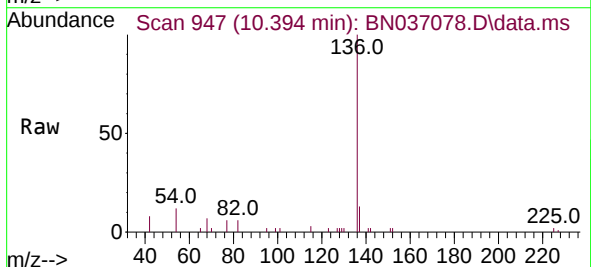
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250515

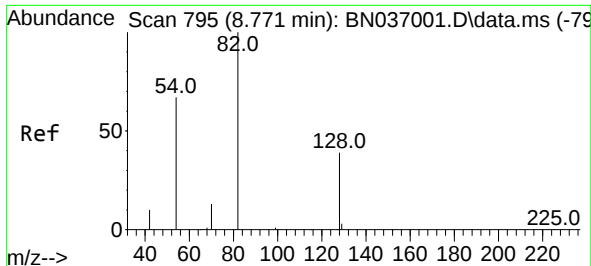
Tgt Ion: 99 Resp: 490
Ion Ratio Lower Upper
99 100
42 52.9 29.3 43.9#
71 52.2 35.7 53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

Tgt Ion: 136 Resp: 5257
Ion Ratio Lower Upper
136 100
137 12.5 10.4 15.6
54 12.3 8.5 12.7
68 7.2 5.1 7.7

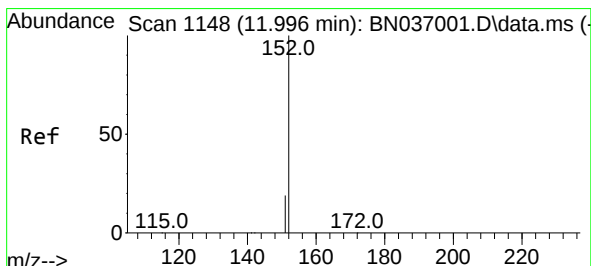
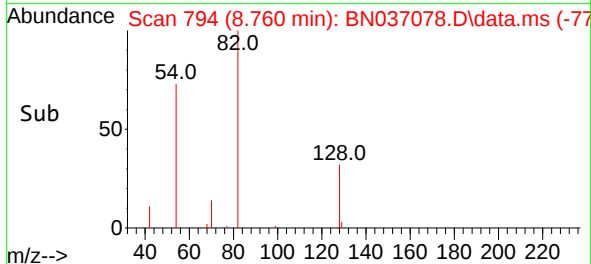
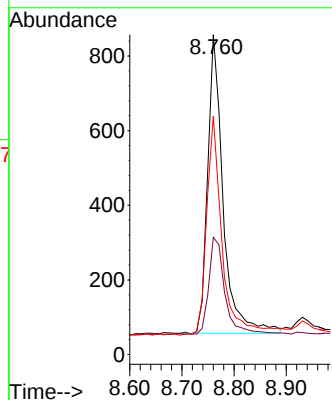
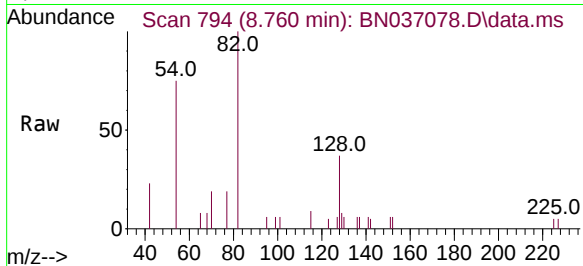




#8
 Nitrobenzene-d5
 Concen: 0.287 ng
 RT: 8.760 min Scan# 794
 Delta R.T. -0.011 min
 Lab File: BN037078.D
 Acq: 20 May 2025 17:35

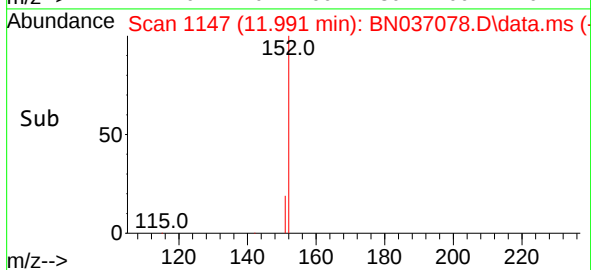
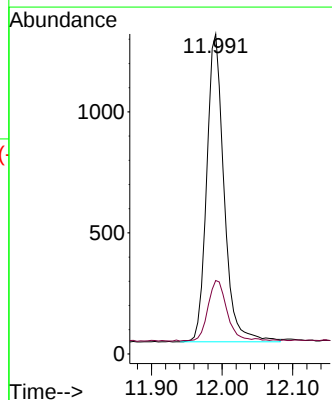
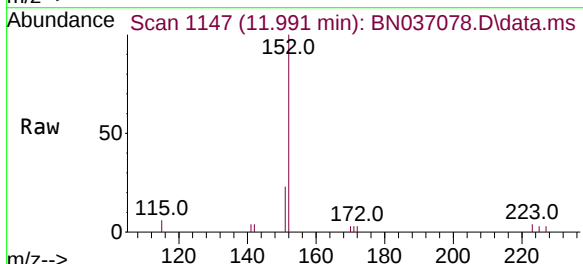
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250515

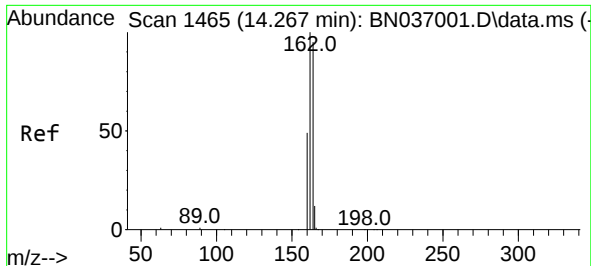
Tgt Ion:	82	Resp:	1643
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.0	51.0
54	74.6	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.293 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037078.D
 Acq: 20 May 2025 17:35

Tgt Ion:	152	Resp:	2168
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.5	26.3

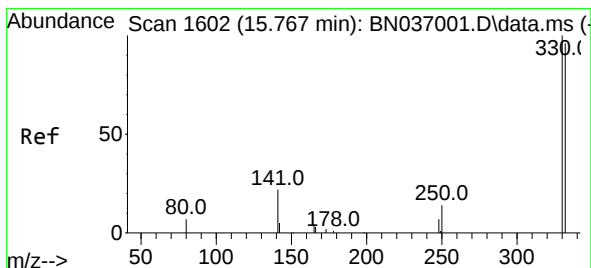
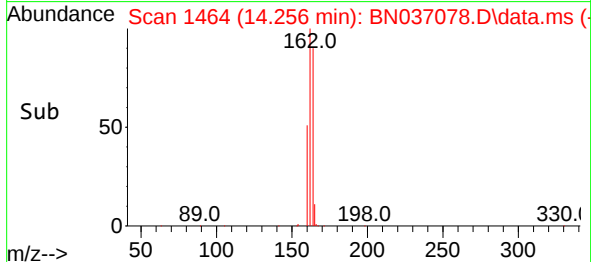
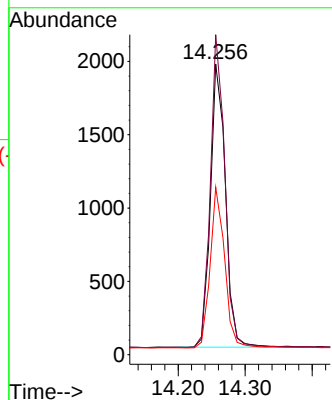
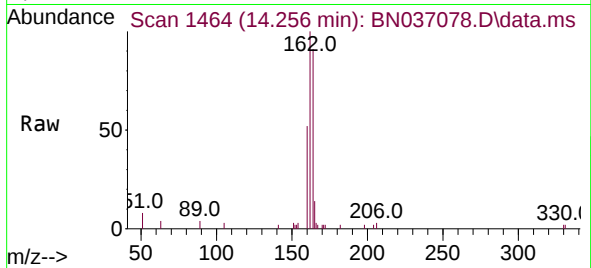




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1465
Delta R.T. -0.011 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

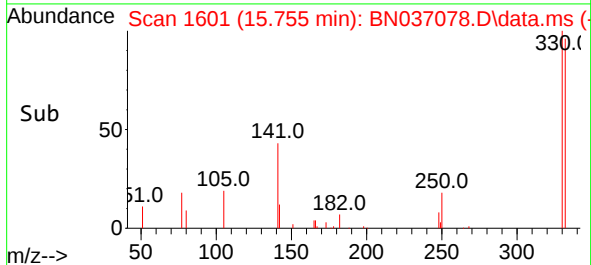
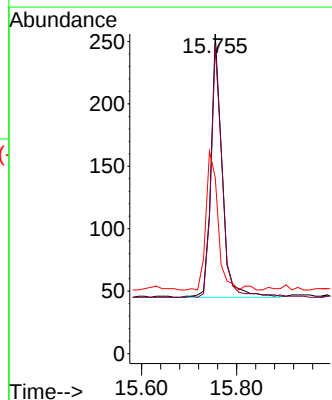
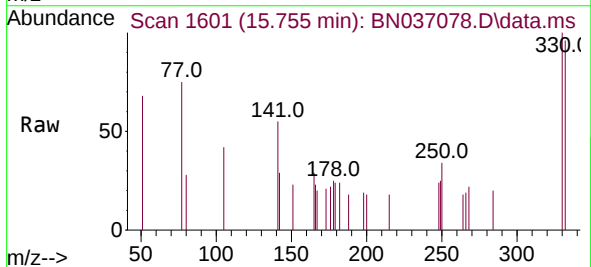
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250515

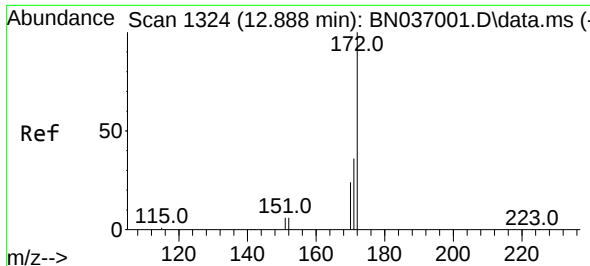
Tgt Ion:164 Resp: 2991
Ion Ratio Lower Upper
164 100
162 110.1 84.2 126.4
160 57.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

Tgt Ion:330 Resp: 347
Ion Ratio Lower Upper
330 100
332 95.7 73.8 110.8
141 55.6 43.9 65.9

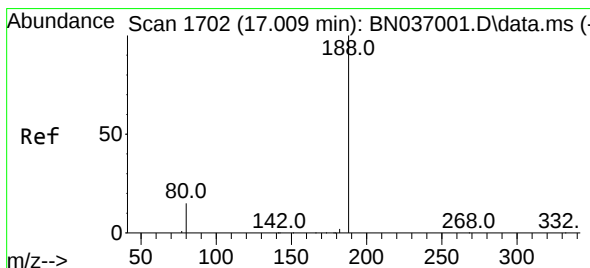
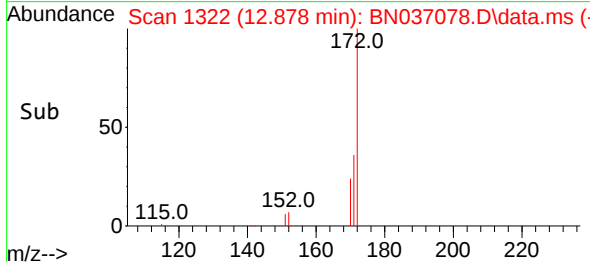
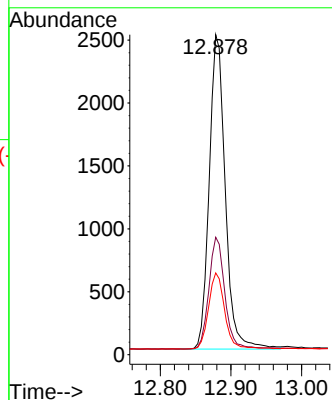
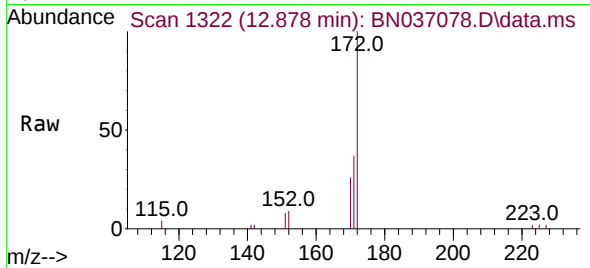




#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

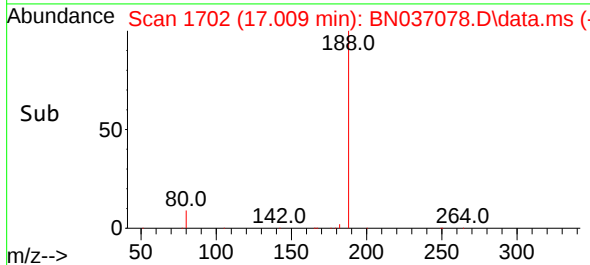
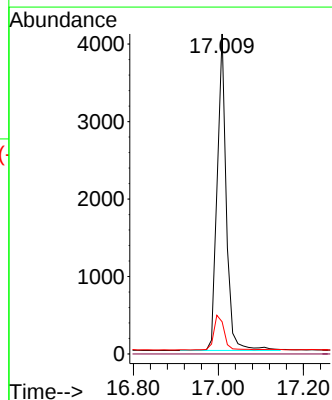
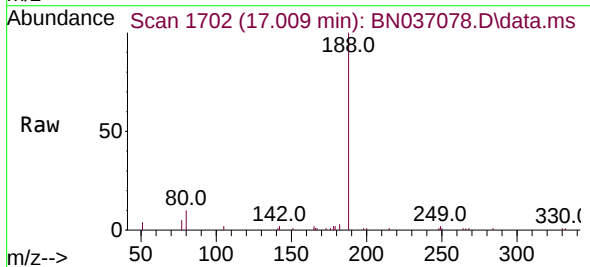
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250515

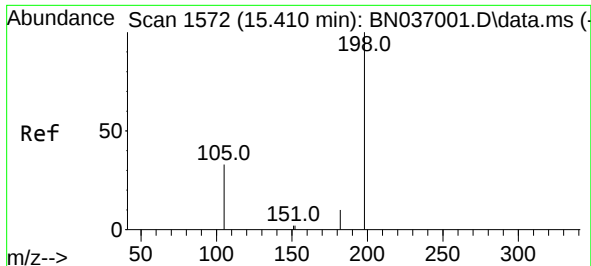
Tgt Ion:172 Resp: 3946
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 25.6 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

Tgt Ion:188 Resp: 6089
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 13.4 20.0#

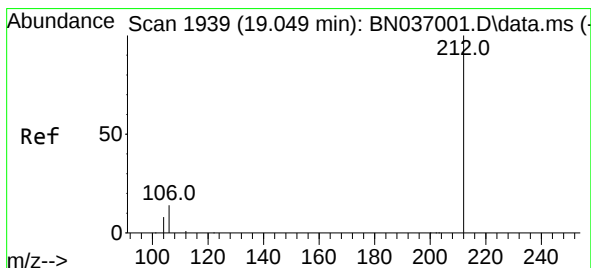
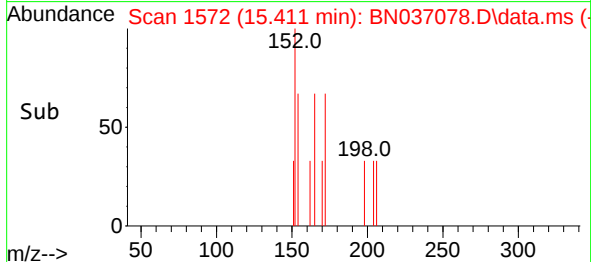
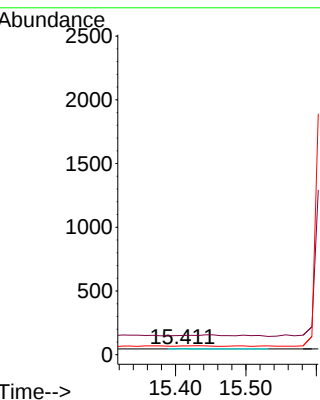
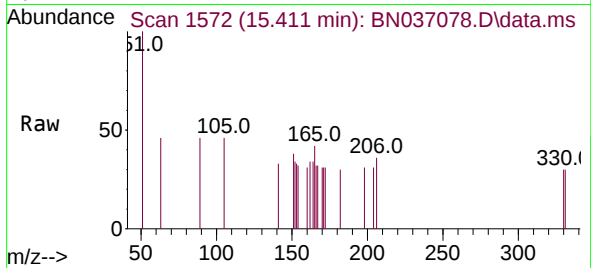




#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.001 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

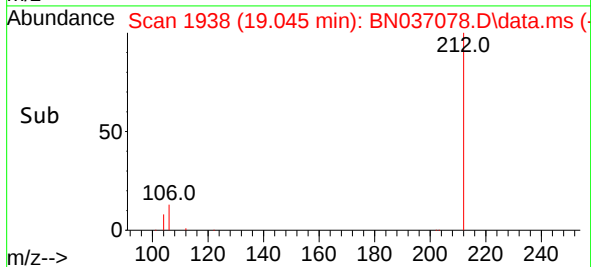
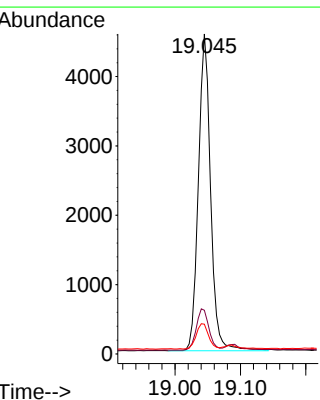
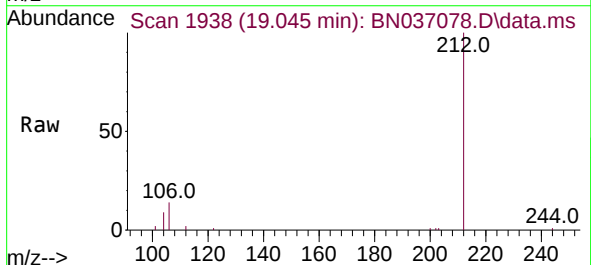
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250515

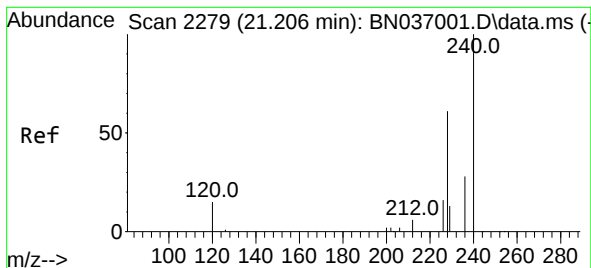
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 321.3 87.8 131.6#
105 148.9 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037078.D
Acq: 20 May 2025 17:35

Tgt Ion:212 Resp: 5909
Ion Ratio Lower Upper
212 100
106 13.4 11.3 16.9
104 8.1 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.207 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037078.D

Acq: 20 May 2025 17:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20250515

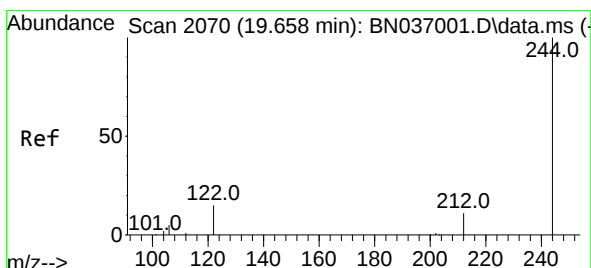
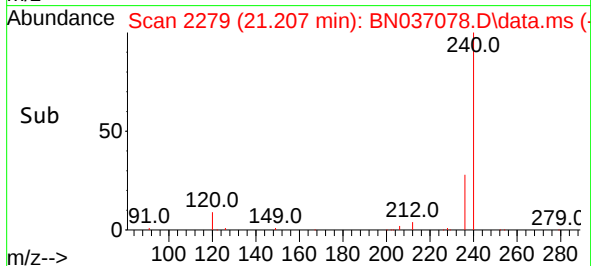
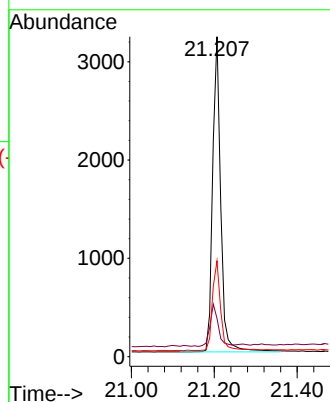
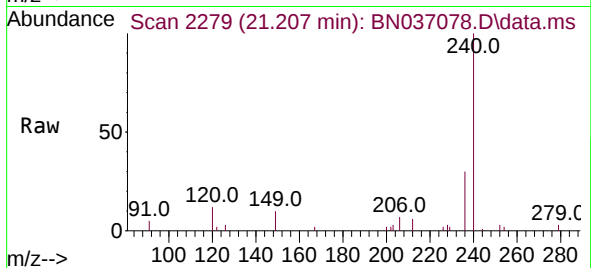
Tgt Ion:240 Resp: 4329

Ion Ratio Lower Upper

240 100

120 11.9 15.1 22.7#

236 29.9 24.0 36.0



#31

Terphenyl-d14

Concen: 0.532 ng

RT: 19.649 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN037078.D

Acq: 20 May 2025 17:35

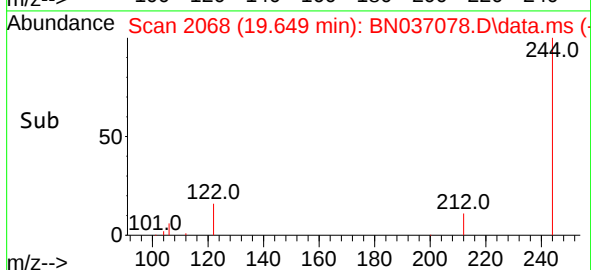
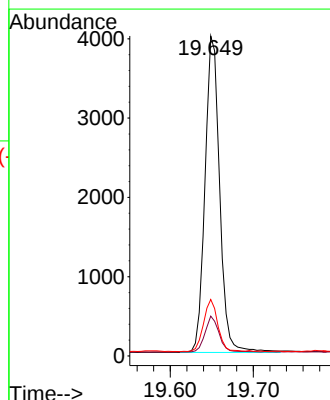
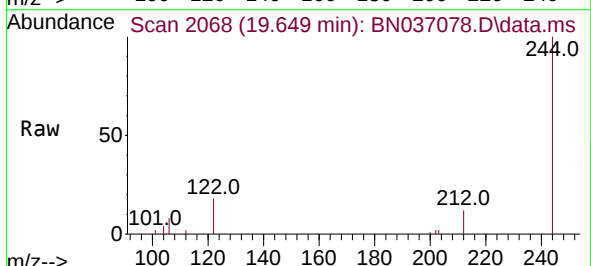
Tgt Ion:244 Resp: 4922

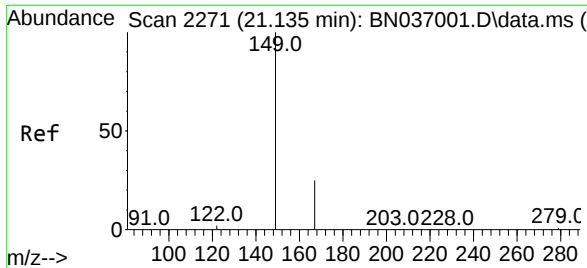
Ion Ratio Lower Upper

244 100

212 12.5 9.7 14.5

122 17.7 13.4 20.0

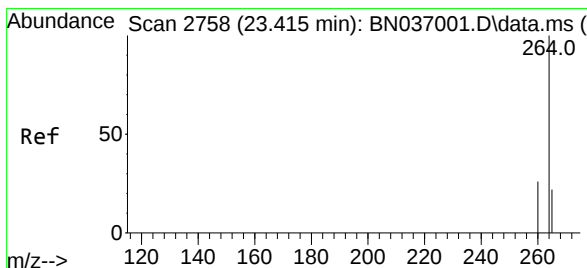
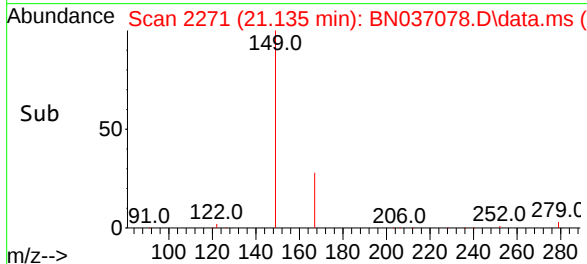
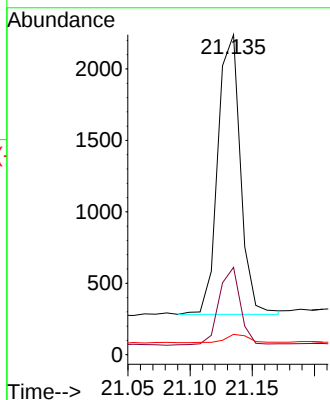
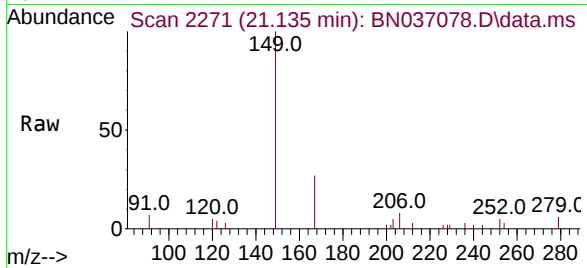




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.248 ng
 RT: 21.135 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: BN037078.D
 Acq: 20 May 2025 17:35

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250515

Tgt Ion:	149	Resp:	2485
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.6	30.8
279	3.1	2.6	3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.407 min Scan# 2755
 Delta R.T. -0.009 min
 Lab File: BN037078.D
 Acq: 20 May 2025 17:35

Tgt Ion:	264	Resp:	3603
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.9	32.9
265	66.9	51.6	77.4

