

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051325\
 Data File : BN036996.D
 Acq On : 13 May 2025 15:14
 Operator : RC/JU
 Sample : Q1872-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HW0425-PT-TRIAZINE-SOIL

Quant Time: May 13 15:41:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 12 18:05:36 2025
 Response via : Initial Calibration

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

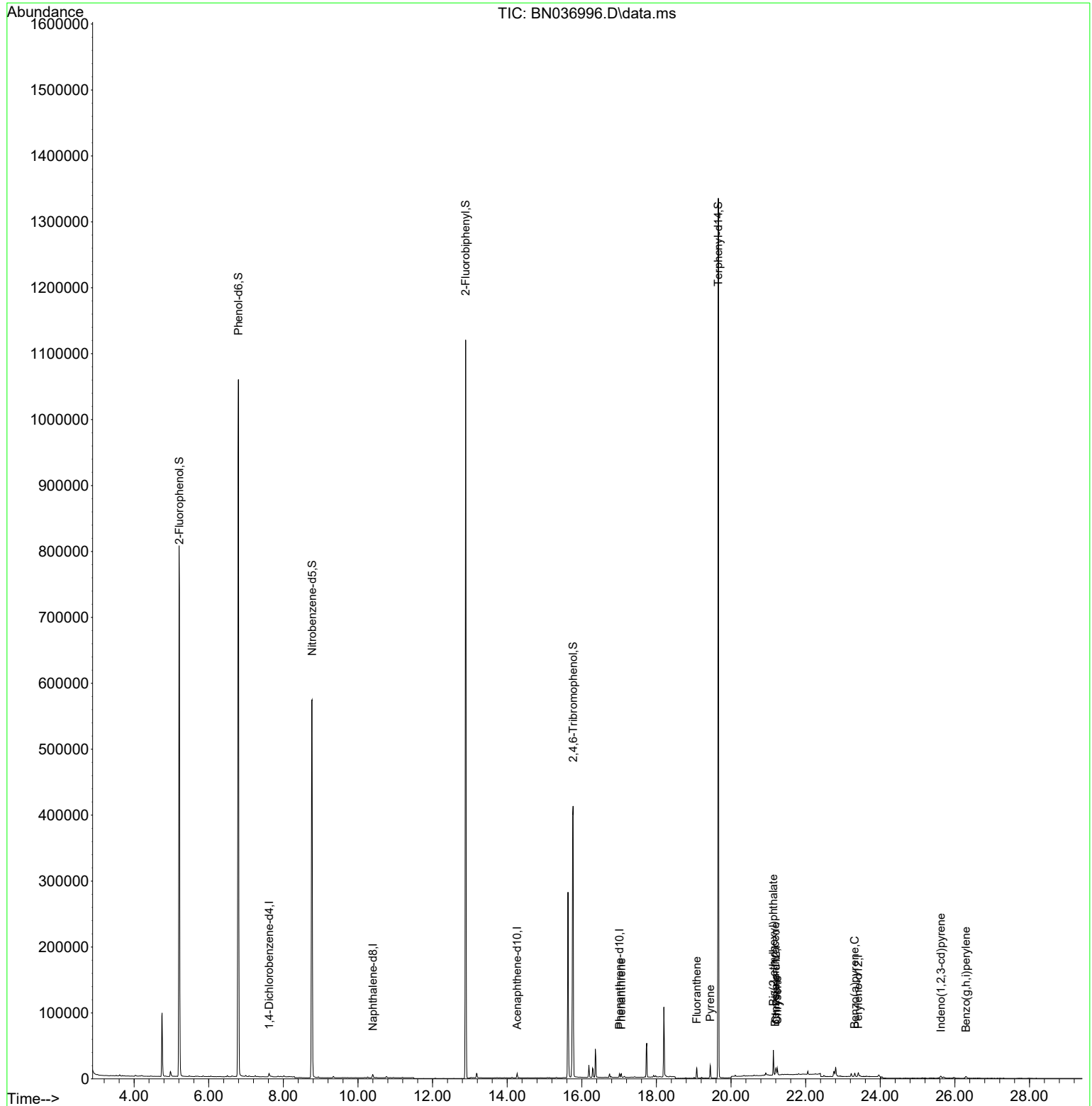
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2166	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	6095	0.400	ng	0.00
13) Acenaphthene-d10	14.267	164	3427	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	7343	0.400	ng	0.00
29) Chrysene-d12	21.206	240	7384	0.400	ng	0.00
35) Perylene-d12	23.412	264	7397	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	531511	95.205	ng	0.00
5) Phenol-d6	6.795	99	763462	112.775	ng	0.00
8) Nitrobenzene-d5	8.771	82	439598	68.428	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.767	330	212439	135.186	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	914768	57.164	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.658	244	1173103	70.184	ng	0.00
Target Compounds						
25) Phenanthrene	17.058	178	6069	0.252	ng	Qvalue 100
28) Fluoranthene	19.082	202	13461	0.474	ng	98
30) Pyrene	19.444	202	16307	0.487	ng	97
32) Benzo(a)anthracene	21.189	228	5849	0.209	ng	93
33) Chrysene	21.242	228	8232	0.279	ng	98
34) Bis(2-ethylhexyl)phtha...	21.135	149	31165	1.812	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.623	276	4971	0.170	ng	96
39) Benzo(a)pyrene	23.316	252	6345	0.248	ng	# 77
41) Benzo(g,h,i)perylene	26.295	276	5316	0.210	ng	# 90

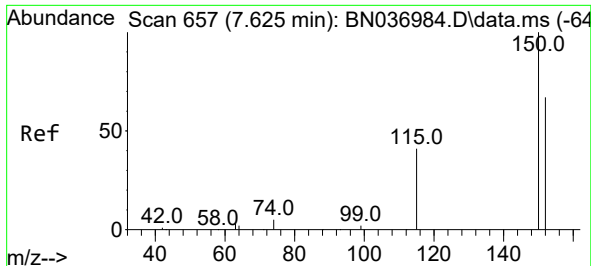
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051325\
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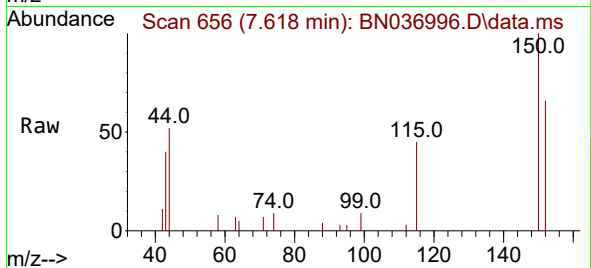
Quant Time: May 13 15:41:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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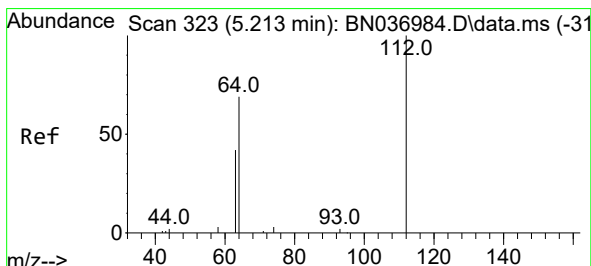
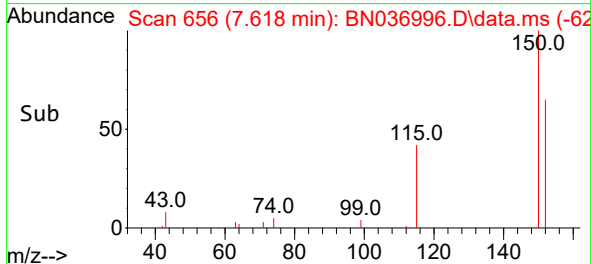
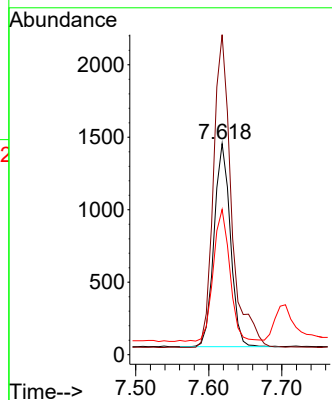


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

Instrument :
BNA_N
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL

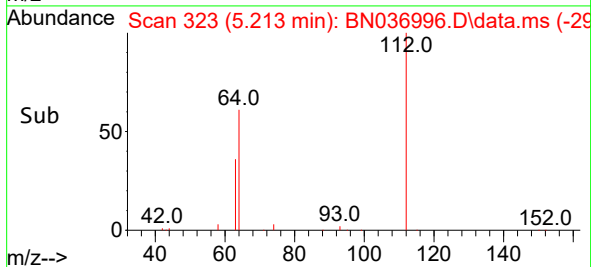
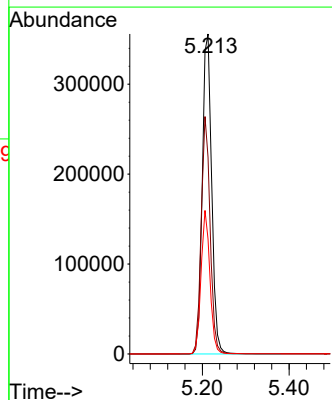
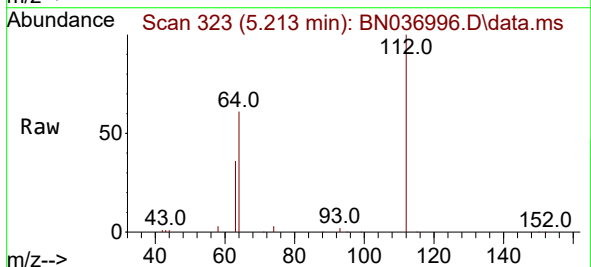


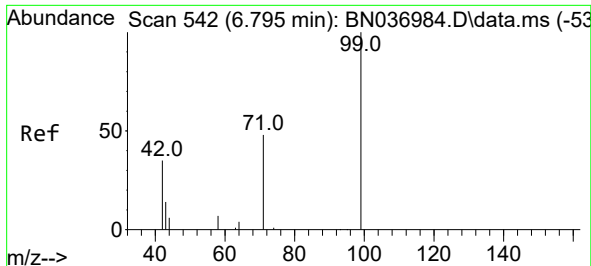
Tgt Ion:152 Resp: 2166
Ion Ratio Lower Upper
152 100
150 151.6 118.2 177.4
115 68.9 52.5 78.7



#4
2-Fluorophenol
Concen: 95.205 ng
RT: 5.213 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

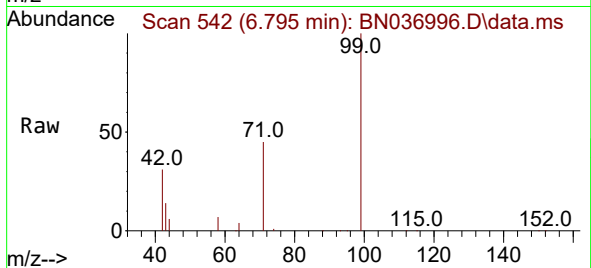
Tgt Ion:112 Resp: 531511
Ion Ratio Lower Upper
112 100
64 71.0 56.2 84.2
63 42.7 34.3 51.5



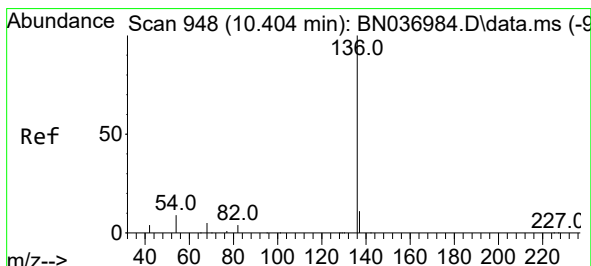
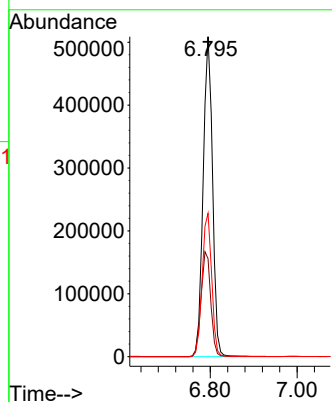
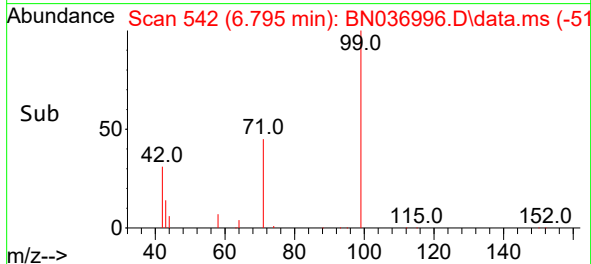


#5
Phenol-d6
Concen: 112.775 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

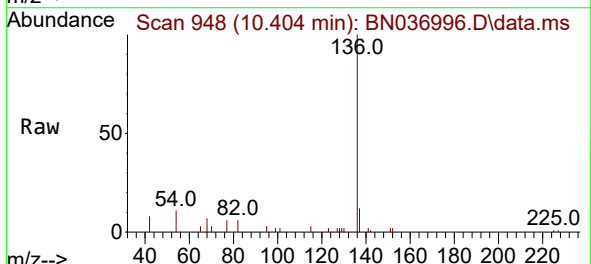
Instrument :
BNA_N
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL



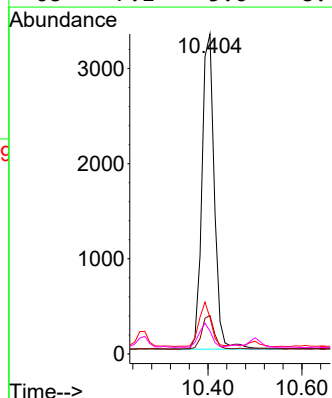
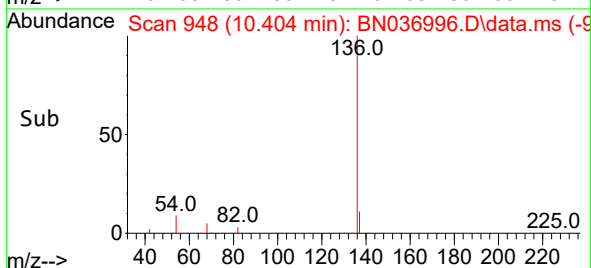
Tgt Ion: 99 Resp: 763462
Ion Ratio Lower Upper
99 100
42 33.8 29.0 43.6
71 45.5 36.2 54.2

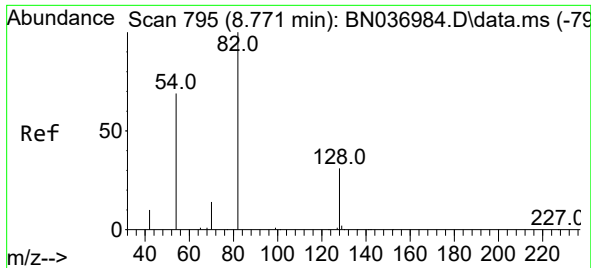


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14



Tgt Ion: 136 Resp: 6095
Ion Ratio Lower Upper
136 100
137 12.1 10.3 15.5
54 11.3 9.2 13.8
68 7.1 5.6 8.4

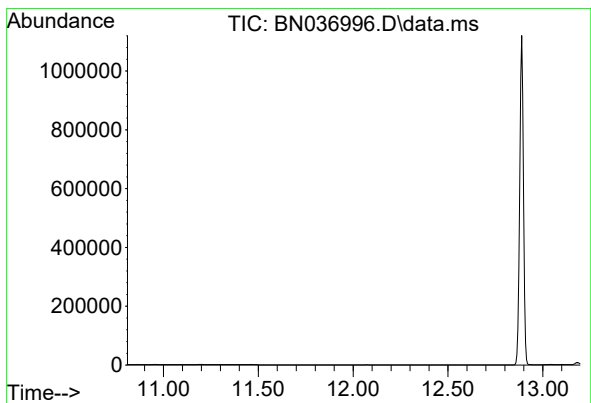
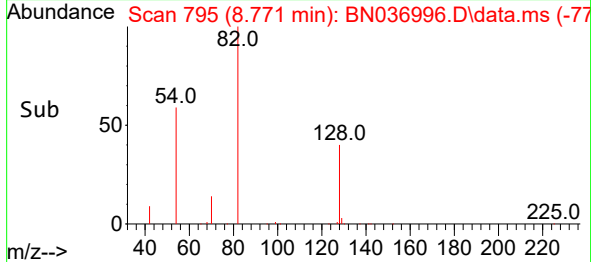
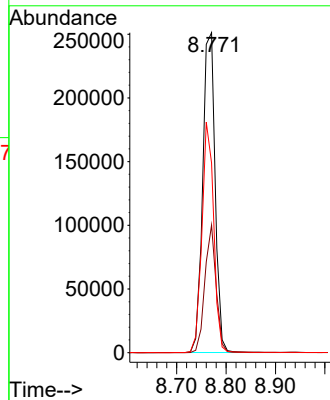
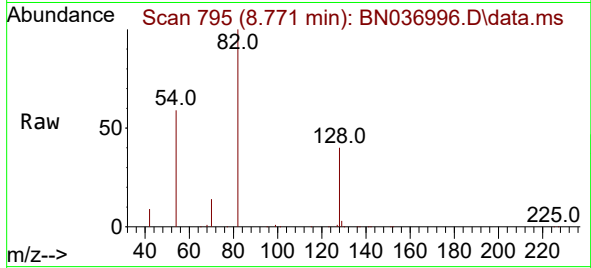




#8
Nitrobenzene-d5
Concen: 68.428 ng
RT: 8.771 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

Instrument :
BNA_N
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL

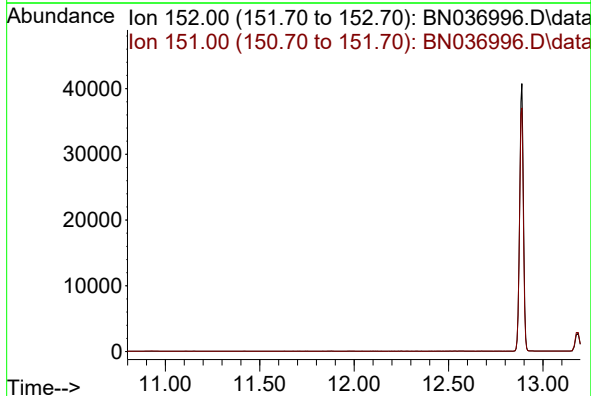
Tgt Ion: 82 Resp: 439598
Ion Ratio Lower Upper
82 100
128 39.9 28.1 42.1
54 59.3 56.4 84.6

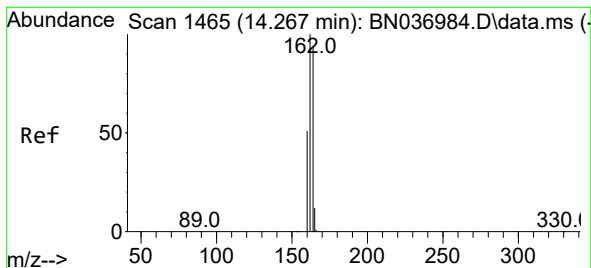


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
Expected RT: 12.00 min

Lab File: BN036996.D
Acq: 13 May 2025 15:14

Tgt Ion: 152
Sig Exp Ratio
152 100
151 21.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.267 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BN036996.D

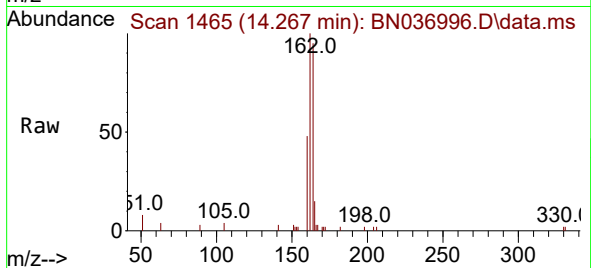
Acq: 13 May 2025 15:14

Instrument :

BNA_N

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL



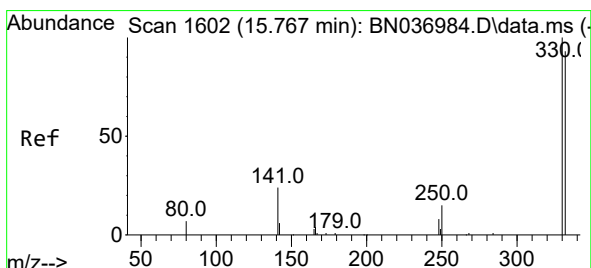
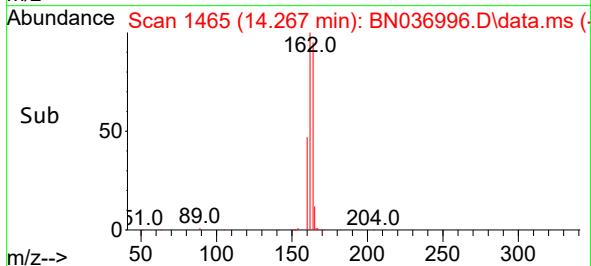
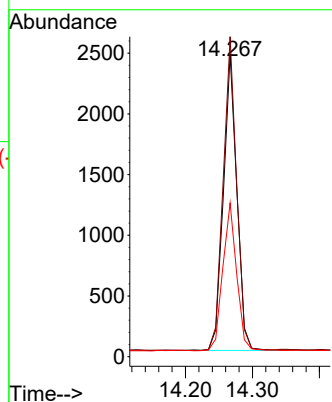
Tgt Ion:164 Resp: 3427

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

160 50.8 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 135.186 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN036996.D

Acq: 13 May 2025 15:14

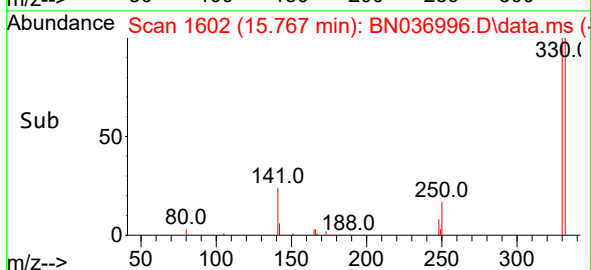
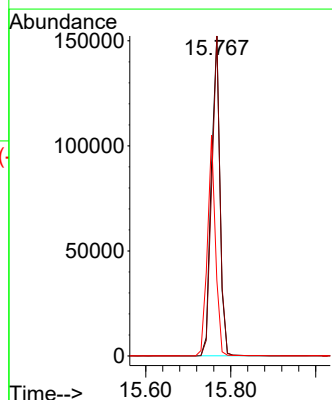
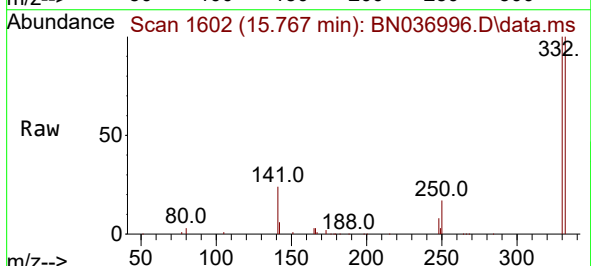
Tgt Ion:330 Resp: 212439

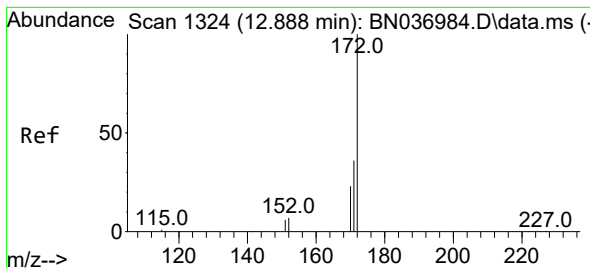
Ion Ratio Lower Upper

330 100

332 96.5 75.6 113.4

141 65.3 47.4 71.2





#15

2-Fluorobiphenyl

Concen: 57.164 ng

RT: 12.888 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN036996.D

Acq: 13 May 2025 15:14

Instrument :

BNA_N

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL

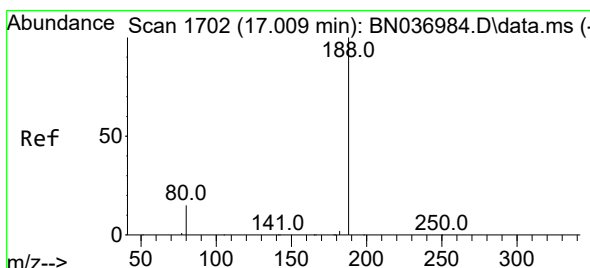
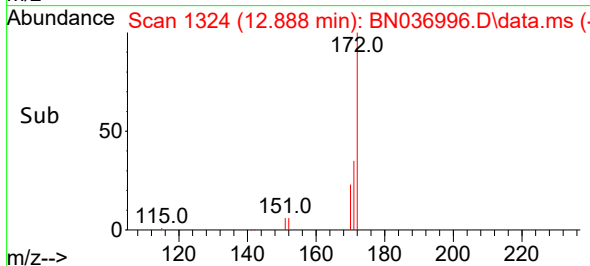
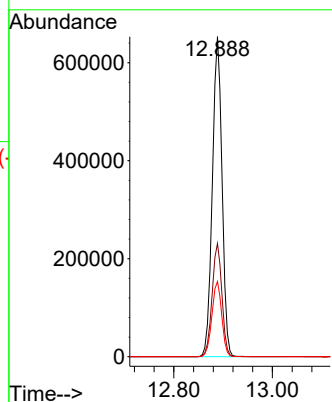
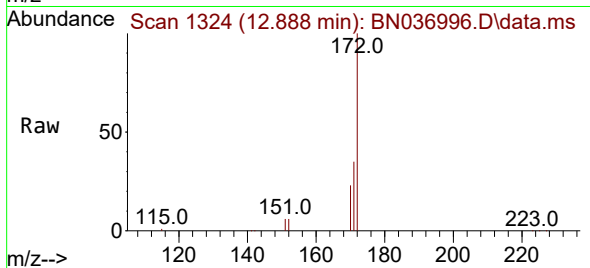
Tgt Ion:172 Resp: 914768

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.2

170 23.5 19.4 29.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BN036996.D

Acq: 13 May 2025 15:14

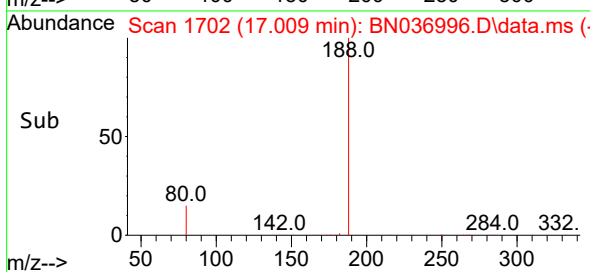
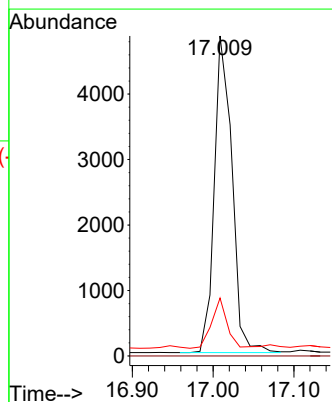
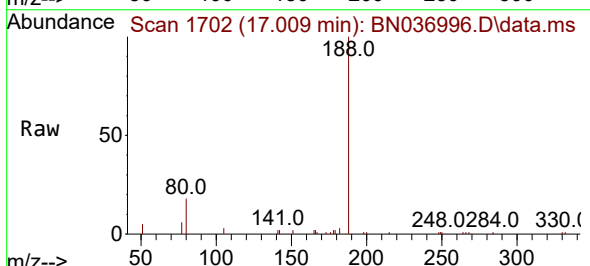
Tgt Ion:188 Resp: 7343

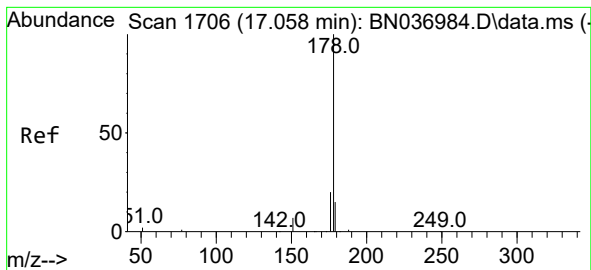
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.1 13.4 20.0

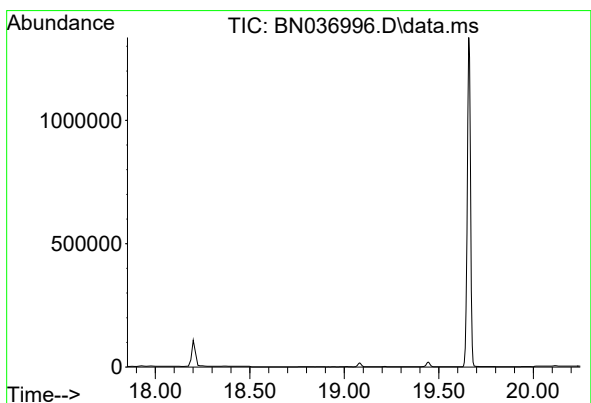
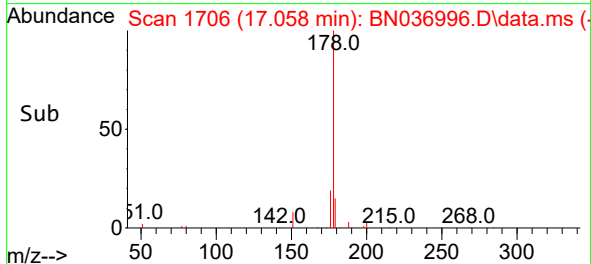
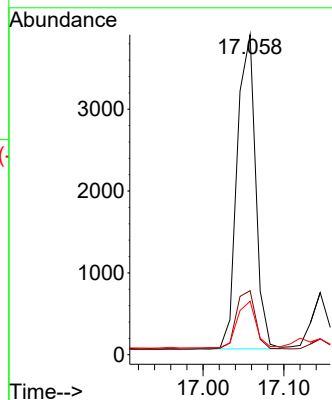
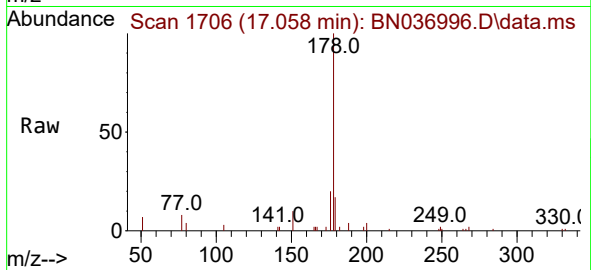




#25
Phenanthrene
Concen: 0.252 ng
RT: 17.058 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

Instrument :
BNA_N
ClientSampleId :
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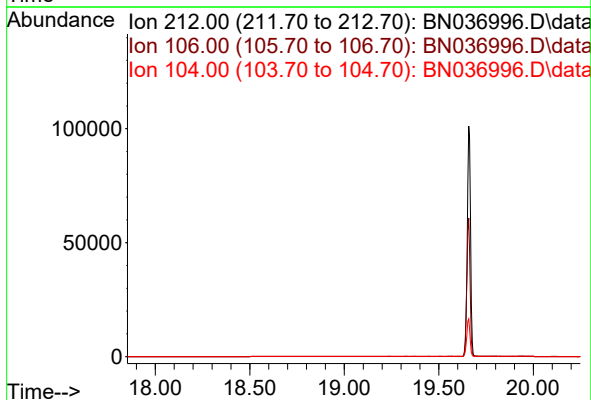
Tgt Ion:	178	Resp:	6069
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.0	24.0
179	15.3	12.3	18.5

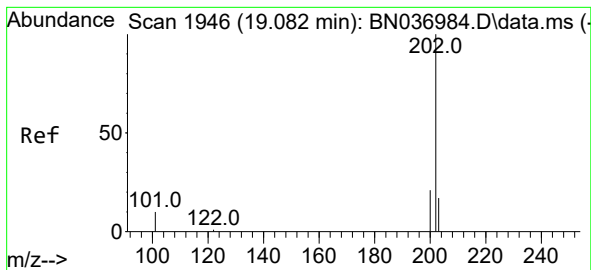


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.05 min

Lab File: BN036996.D
Acq: 13 May 2025 15:14

Tgt Ion:	212
Sig	Exp Ratio
212	100
106	14.1
104	8.7





#28

Fluoranthene

Concen: 0.474 ng

RT: 19.082 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BN036996.D

Acq: 13 May 2025 15:14

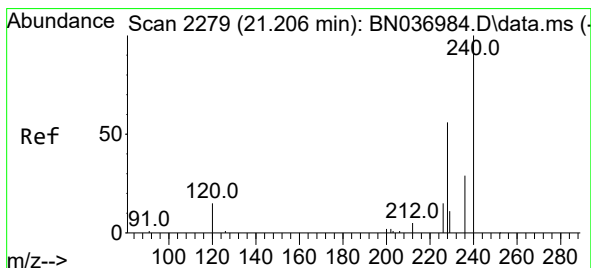
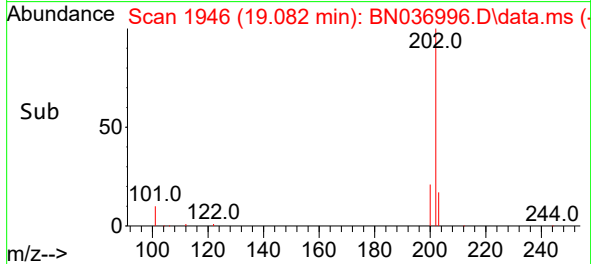
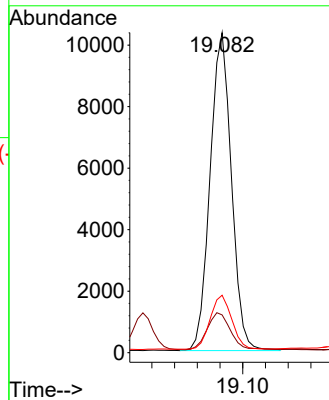
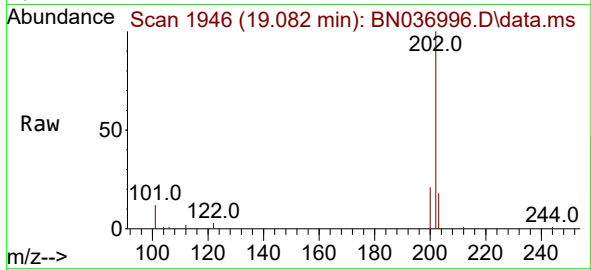
Instrument :

BNA_N

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL

Tgt Ion:	202	Resp:	13461
Ion Ratio	Lower	Upper	
202	100		
101	12.8	8.6	12.8
203	17.2	13.5	20.3



#29

Chrysene-d12

Concen: 0.400 ng

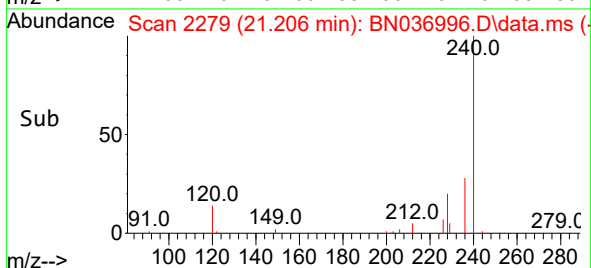
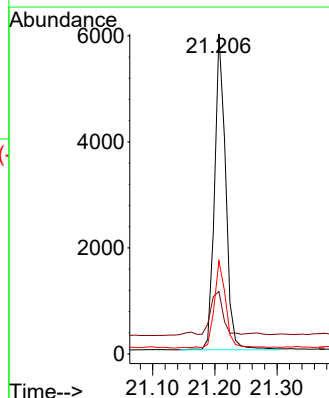
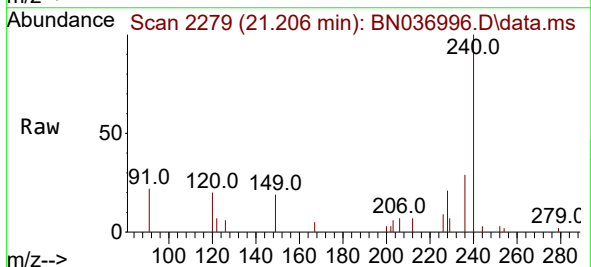
RT: 21.206 min Scan# 2279

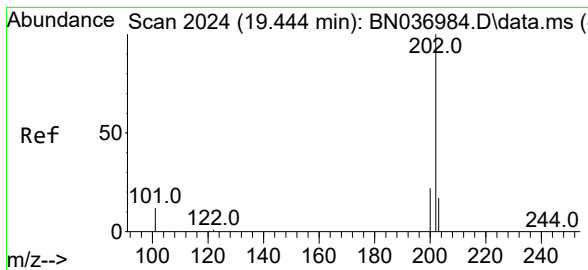
Delta R.T. -0.000 min

Lab File: BN036996.D

Acq: 13 May 2025 15:14

Tgt Ion:	240	Resp:	7384
Ion Ratio	Lower	Upper	
240	100		
120	19.6	14.5	21.7
236	29.1	24.3	36.5

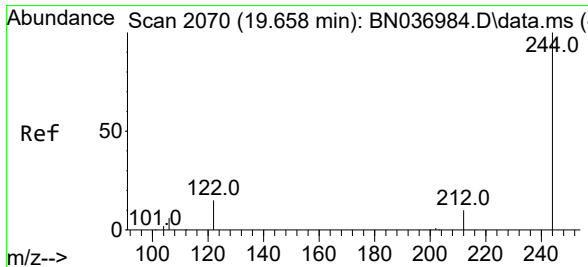
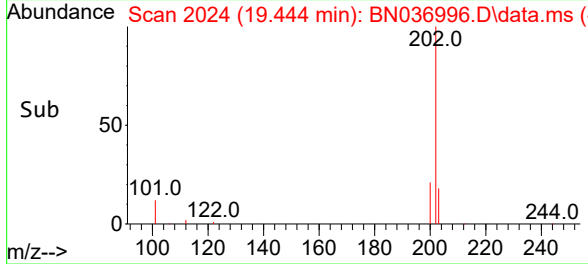
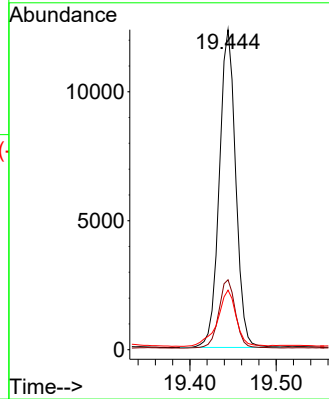
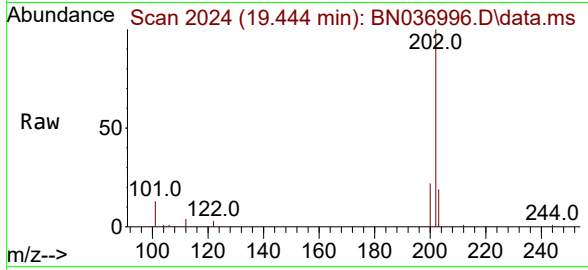




#30
Pyrene
Concen: 0.487 ng
RT: 19.444 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

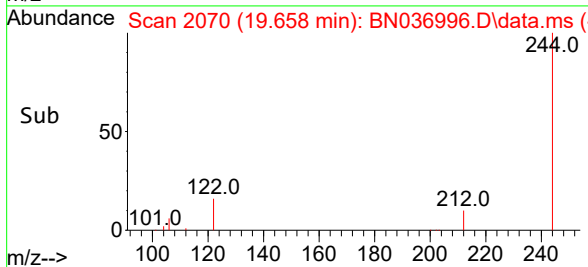
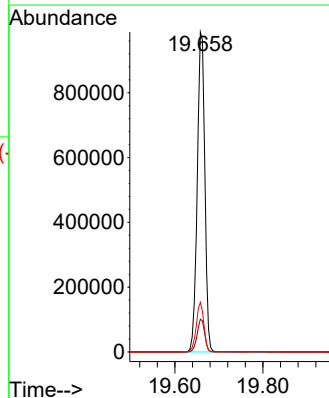
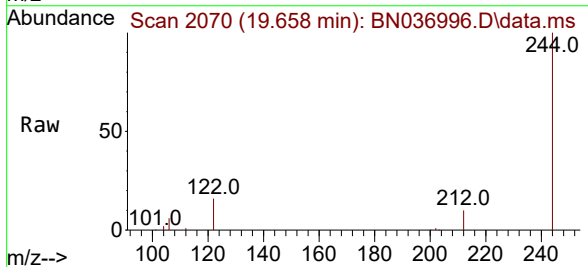
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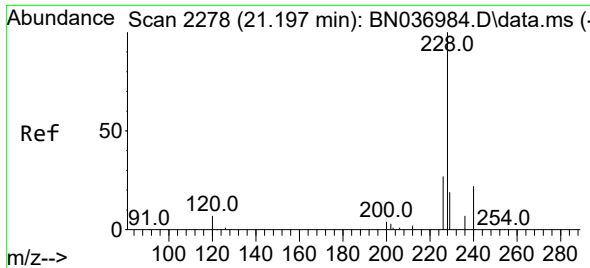
Tgt Ion:202 Resp: 16307
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 20.2 14.4 21.6



#31
Terphenyl-d14
Concen: 70.184 ng
RT: 19.658 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

Tgt Ion:244 Resp: 1173103
Ion Ratio Lower Upper
244 100
212 10.2 9.5 14.3
122 15.5 13.4 20.0

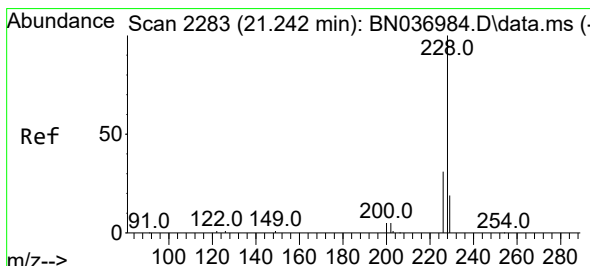
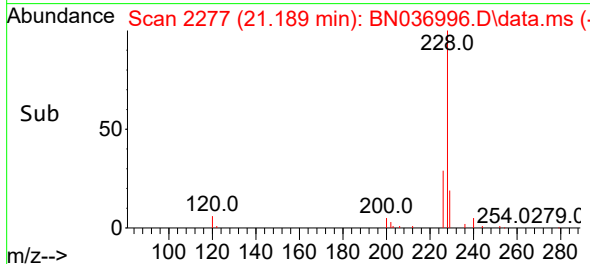
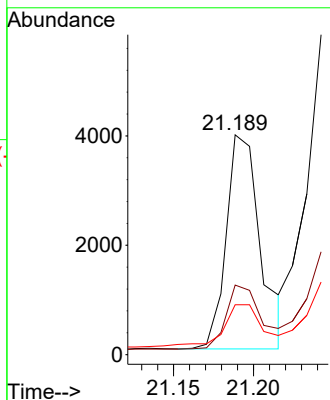
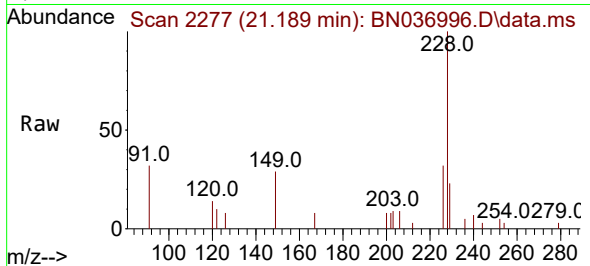




#32
Benzo(a)anthracene
Concen: 0.209 ng
RT: 21.189 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

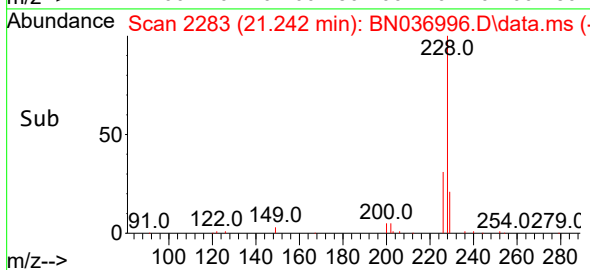
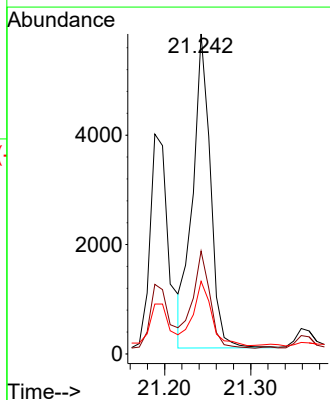
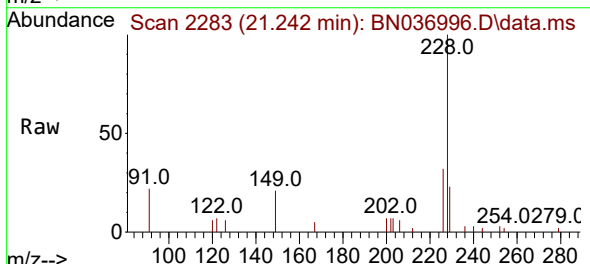
Instrument :
BNA_N
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL

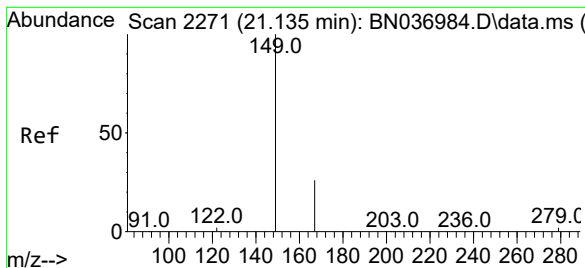
Tgt Ion:228 Resp: 5849
Ion Ratio Lower Upper
228 100
226 31.6 22.4 33.6
229 22.7 16.0 24.0



#33
Chrysene
Concen: 0.279 ng
RT: 21.242 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

Tgt Ion:228 Resp: 8232
Ion Ratio Lower Upper
228 100
226 32.2 25.7 38.5
229 22.7 16.0 24.0

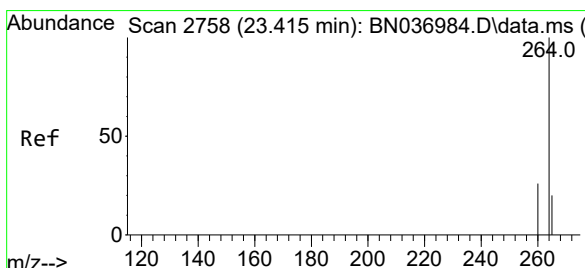
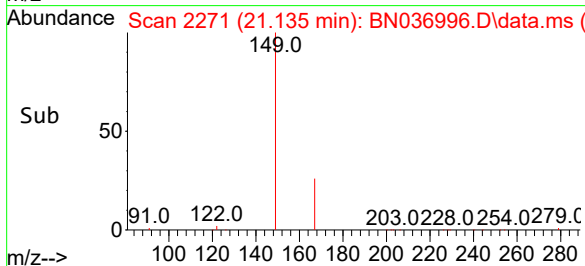
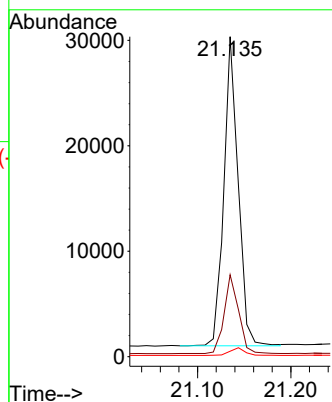
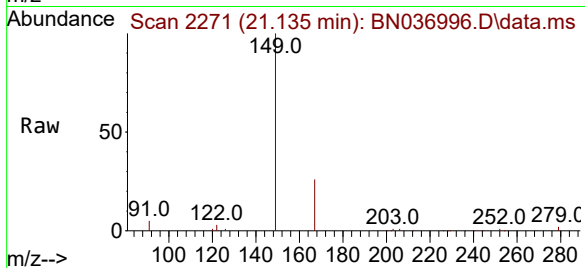




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.812 ng
 RT: 21.135 min Scan# 21165
 Delta R.T. -0.000 min
 Lab File: BN036996.D
 Acq: 13 May 2025 15:14

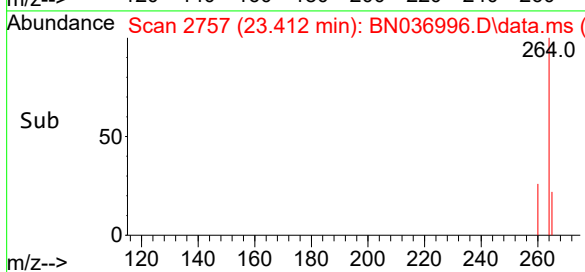
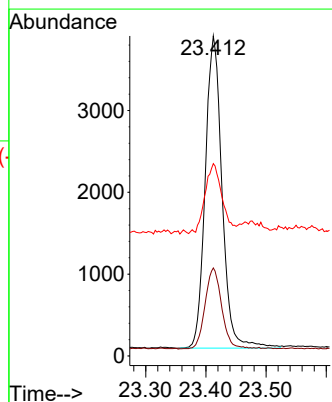
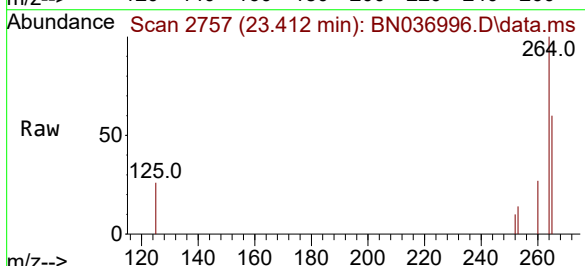
Instrument :
 BNA_N
 ClientSampleId :
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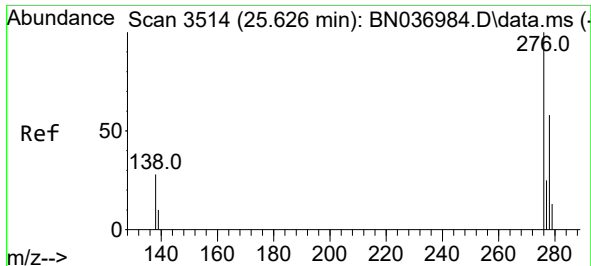
Tgt Ion:149 Resp: 31165
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.6
 279 2.6 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.412 min Scan# 2757
 Delta R.T. -0.003 min
 Lab File: BN036996.D
 Acq: 13 May 2025 15:14

Tgt Ion:264 Resp: 7397
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.3 33.5
 265 60.1 55.4 83.0

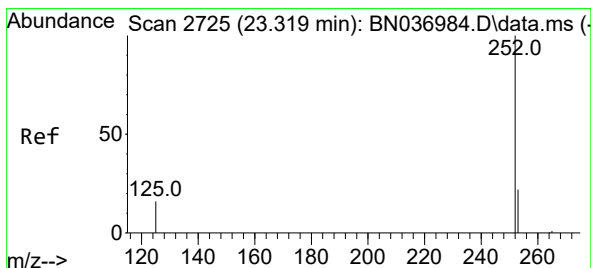
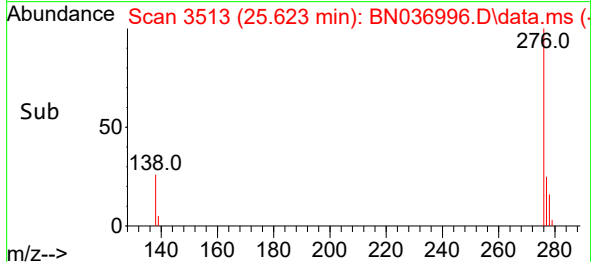
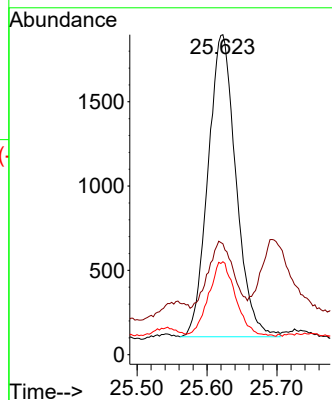
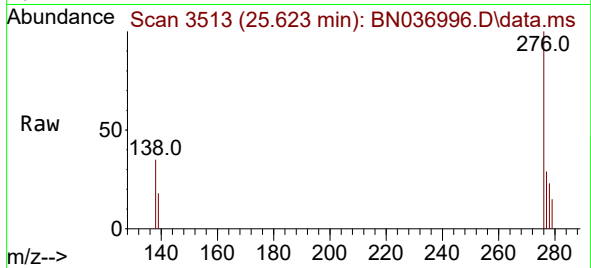




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng
RT: 25.623 min Scan# 3514
Delta R.T. -0.003 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

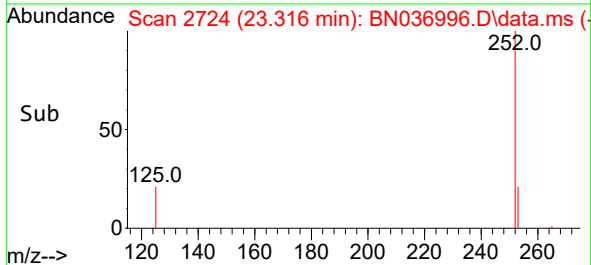
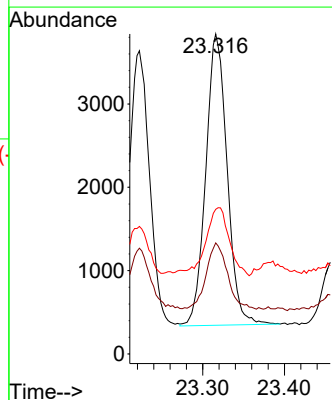
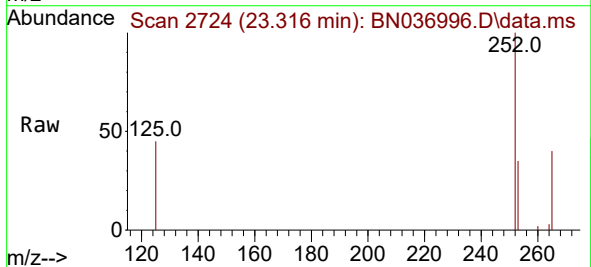
Instrument :
BNA_N
ClientSampleId :
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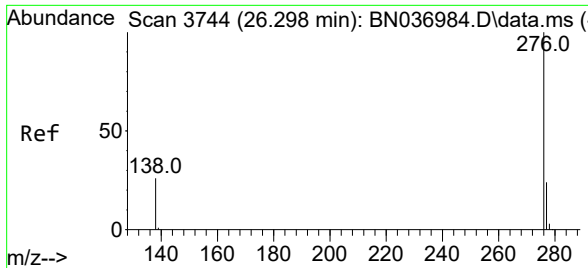
Tgt Ion:276 Resp: 4971
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 24.1 20.2 30.4



#39
Benzo(a)pyrene
Concen: 0.248 ng
RT: 23.316 min Scan# 2724
Delta R.T. -0.003 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

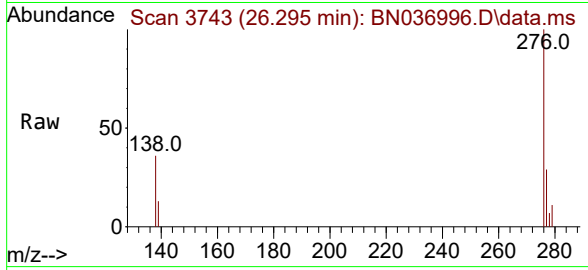
Tgt Ion:252 Resp: 6345
Ion Ratio Lower Upper
252 100
253 34.7 24.8 37.2
125 45.2 18.6 28.0#





#41
Benzo(g,h,i)perylene
Concen: 0.210 ng
RT: 26.295 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN036996.D
Acq: 13 May 2025 15:14

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:276 Resp: 5316
Ion Ratio Lower Upper
276 100
277 29.1 21.2 31.8
138 35.9 22.6 33.8#

